

Sunday Night Feature Film	George's Radio & TV Co. Phitco	Film	WNBW	Robert J. Enders
Sunset Valley Barn Dance	F. C. Hayer RCA-Victor Products	American Folk Music	KSTP-TV	Direct
Gloria Swanson Hour	A. S. Beck Shoes	Women's	WPIX	Dorland
Swap Shop	Jacques Kreisler Jewelry	Live	WFIL-TV	Grey
The Swift Show	Swift & Co.		NBC	McCann-Erickson
T				
Talent Show	Harry Krouse Studebaker	Live	WFIL-TV	Taubman
Talent Scouts	Lipton Tea Co. Tea, Noodle Soup	Live	CBS	Young & Rubicam
Tales of the Red Caboose	Lionel Corp. Model Trains	Teenage	ABC	Reiss
Tawny L.	Mary Lewis, Inc. Fashion Shops	Musical Variety for Teenagers	WPIX	Flint
Teen Bar	Pepsi Cola Bottlers of St. Louis	Live	KSD-TV	Jim Daugherty
Telecharades Preview	Erie Clothing Co.	Film	WBKB KDYL	Gourfain-Cobb George Baker
Telefilm Snapshots	Glen Earl RCA Distributor	Local News Film	KSTP-TV	Direct
Telefoto News	Schuneman's, Inc. Department Store	Live	WATV	Scheer Adv.
Tele-Kiddie Club	Wildenrotter & Co.	Newsreel	KSD-TV	Campbell-Ewald
Tele-News	Chevrolet Dealers	Newsreel	KTSL	W. B. Ross
Telenews	Kierulff & Co. Motorola	Film	WBEN-TV	Bowman & Block
Telenews	Babee Tenda Distributing Co.	Film	WBEN-TV	Bowman & Block
Telenews	Buffalo Electric Co.	Film	WBEN-TV	Bowman & Block
Telenews	Martino Radio Service	Film	WBKB	Campbell-Ewald
Telenews	General Motors Corp. Chevrolet	News	WTTC	Campbell-Ewald
Telenews Daily	Frederick & Nelson Department Store	News	KRSC-TV	Direct

TITLE	SPONSOR-PRODUCT	TYPE	STATION	ADVERTISING AGENCY
Telenews Digest	Kopf Motor Sales Co. Chevrolet Car Dealer	News	WSPD	Direct
Telenews Digest	Lownsburg Chevrolet Co. Chevrolet Car Dealer	News	WSPD	Direct
Telenews Digest	Weissenberger, Carl F., Inc. Chevrolet Car Dealer	News	WSPD	Direct
Telenews Digest	White, Jim, Chevrolet Co. Chevrolet Car Dealer	News	WSPD	Direct
Telenews Digest	Gimbel Bros., Inc. Department Store	Newsreel	WTMJ	Direct
Telenews Film	Chevrolet	Film	WFIL-TV	Campbell-Ewald
Telenews Weekly	Chevrolet Div. of G. M. Autos	News	WWJ	Campbell-Ewald
Tele-Quiz-Calls	Union Electric Co.	Quiz & Charades	KSD-TV	Gardner
Telesports	Gunther Brewing Co. Beer	Sports	WNBW	W. Wallace Orr
Television Talent Test	Packard-Bell Co. Radio, Phonographs, TV Sets	Variety	KFI-TV	Abbott-Kimball
Television Tenn Town Televising Television	Stewart-Warner Dealers Austin Co. Engineers	Musical Variety Film	KSD-TV WNBW	Direct Fuller Smith & Ross
Televising Television	Austin Co.	Film	WSB	Fuller Smith & Ross
Television Matinee	Philadelphia Electric Co. Appliances	Studio	WPTZ	Direct
Television Matinee	Philco Distributing TV Sets	Women's Show	WWJ	Wm. I. Denman, Inc.
Television Party	Grinnell's Music Shop Radios, Records, etc.	Variety	WWJ	Simons-Michelson
TV Playhouse	Philco		WSPD	Wm. Denman
Television Televised	Austin Engineering	Documentary	KTSL	Fuller Smith & Ross
Television Televised	The Austin Co. TV Station Engrs.	Film	WABD	Fuller Smith & Ross
Television Televised	Austin Co.	Architectural Films	WBZ	Fuller Smith & Ross
Television Televised	The Austin Company Industrial Architects	Film	WRGB	Fuller Smith & Ross
Television Televised	Austin Company Builders	TV Film	WWJ	Fuller Smith & Ross

Television Theater	Philco Distributing TV Sets	Feature Film	WWJ	Wm. I. Denman, Inc.
Television Varieties	W. Bergman Co., Inc.	Studio	WBEN-TV	Direct
10-Min. News Program	Andrea Radio Corp. Radio & TV Equip.	Live	WABD	Royal de Guzman
Test Pattern	Jackson Brewery JAX Beer	Test Pattern	WXYZ	Winius-Drescher-Brandon, Inc.
Texaco Star Theater	The Texas Co. Gasoline, Oil	Live	NBC	Kudner
Texas News	Bluebonnet Beer	News	WBAP-TV	Grant
Texas News	Burlington Lines (FW&DC) Transportation	News	WBAP-TV	James McBride
Texas News	Nicholson-Jones Motor Co. Lincoln-Mercury Cars	News	WBAP-TV	James McBride
Texas News	Texas Electric Service Public Utility	News	WBAP-TV	Direct
13 Stake Races	Local Chevrolet Dealers of N. Y.	Remote	WCBS-TV	Campbell-Ewald
This Is Drum Point	Drum Point Corp.	Documentary Film	WTTG	Art Ads Adv. Agency
This Is Television	Austin Company	Documentary Film	WTTG	Fuller Smith & Ross, Inc.
Those Keen Teens	Taylor Electric Co. Records	Variety	WTMJ	Gux Marx
Toast of the Town	Emerson Radio & Phonograph Radios, TV Sets, Phonographs		CBS	Blaine-Thompson
Today's Headlines	Participating (9 Sponsors)	Film	WPTZ	Various Agencies
Tom & Jerry	Lincoln-Mercury Dealers	Comedy	KSD-TV	Western Press
Tomorrow's Celebrities	Matusek Academy of Music	Live	WENR-TV	Lazarus
Tonight On Broadway	American Tobacco Co.		CBS	Foote, Cone & Belding
Tots, Tweens & Teens	R. H. Macy & Co. Clothes	Live	WABD	Manning
Touchdown	Southeast Furniture	Film	KDYL	Harris
Touchdown	Philco Dealers	Film	KSD-TV	Marjorie Wilten
Touchdown	Roycraft Co. Philco Distributor	Football Highlights	KSTP-TV	Melamed Hobbs
Touchdown	Star Outfitting Co. Philco	Football	KTSL	Noble
Touchdown	Philco Distributors	Film	WBKB	Direct

TITLE	SPONSOR-PRODUCT	TYPE	STATION	ADVERTISING AGENCY
Touchdown	Joseph M. Zamoiski Co. Philco	Sports	WNBW	Kal, Ehrlich & Merrick
Touchdown	Philco Distributor Radios	Film	WPTZ	Julian Pollock
Touchdown	King Hardware Co.	Film	WSB	Direct
Touchdown	Ed Schuster & Co. Department Store	Sports	WTMJ	Cramer-Krasselt
Touchdown	Commonwealth Sales Corp. Philco TV Sets	Sports	WTVR	Direct
Touchdown Film	Ned's Auto Supply Appliances	Sports	WWJ	Gerrish Albert
Touchdown Film	Philco Distributing TV Sets	Sports	WWJ	Wm. I. Denman, Inc.
Touchdown Highlights	Ellison Furniture Co.	Sports	WBAP-TV	Direct
Touchdown Time	Philco	Sports	WSPD	Wm. Denman
Touchdown Tips	Empire State Distributors TV Receivers	Film & ET	WRGB	G. R. Nelson, Inc.
Touchdown Topics	Grady Motors	Sports Interviews	WMAL-TV	Harwood Martin
Training Camp Film	Philco Distributing TV Sets	Baseball	WWJ	Wm. I. Denman, Inc.
Travelogues	U. S. Tire Service Rubber Products	Film	WPTZ	Direct
Trotting Races	Victor & Company	Remote	W8EN-TV	Bowman & Block
20-Min. Telenews	General Motor Corp., Chevrolet Div. Chevrolet Cars	Film	WABD	Campbell-Ewald
Two Ton Baker Party	Sparks-Withington Appliances	Live	WGN-TV	Brooke, Smith, French & Dorrance

U

Uncle Mistletoe Under the Basket	Marshall Field & Co. King Packard Sales	Live Interview	WENR-TV WTMJ	Foote, Cone & Belding Rahn-Chlupp
-------------------------------------	--	-------------------	-----------------	--------------------------------------

V

Varga Fashion Show Variety Show	Varga Fashions Dearborn Motors Corp. Autos	Fashions Variety	WATV WWJ	G. G. Felt Direct
RC Victor Varieties	Southern Wholesalers RCA	Variety	WN8W	Henry J. Kaufman

W

Warrior of the Week	Reliable Motors	Live	WFIL-TV	Feigenbaum
Washington Capitals	National Brewing Co.	Sports	WTTG	Owen & Chappell
Washington Senators	Chesterfield	Baseball	WTTG	Newell-Emmett
Washington Senators	Ford Motor Co.	Sports	WTTG	J. Walter Thompson
Weather Man	Buten Paints	Studio	WPTZ	Philip Klein
Weather Report	Napier & Scott	Weather	KRSC-TV	Advertising Counselor:
Weather Show	Fuel Dealer			
	Confort Products	Studio	WPTZ	C. A. White, Jr.
	Household Products			
Weekly News Roundup	H. G. Hill	News	WXYZ	Fitzgerald
	Grocery			
Welcome Aboard	Admiral Radio Corp.		NBC	Cruttenden & Eger
	Radios, TV Sets, Appliances			
We, the People	Gulf Oil Corp.		CBS	Young & Rubicam
	Gasoline, Oil			
Western Films	Fisher Baking Co.	Film	WATV	Scheck Adv.
What's New in the Stores	Sanforized Div. of Cluett Peabody	Commentary with Live Models	KSD-TV	Young & Rubicam
Wild Life Program	Wild Life Mgmt. Inst.	Discussions	KSD-TV	Direct
Winter Olympic Games	Chevrolet Motor Co.	Film	KSD-TV	Campbell-Ewald
Wit's End	Mort Farr	Live	WCAU-TV	Ed Shapiro
	Electrical Appliances			
Bob Wolff Sports Clinic	Southern Venetian Blind Co.	Sports	WTTG	Direct
Woody Willow	Foremost Dairies	Puppets	WSB	Newman Lynde
Woodward, Miss Rebecca	Adv. Service	Soprano Soloist	KSD-TV	Ross
World Series Film	Liggett & Myers	Film	WABD	Newell-Emmett
	Chesterfield Cigarettes			
World Series Previews	Paul Schulte Motors	Interviews & Commentary	KSD-TV	Gordon-Marshall
	Kaiser-Fraiser			
World Series Previews	George's Radio & TV Co.	Sports	WNBW	Robert J. Enders
	Philco			
World Series Reviews	George's Radio & TV Co.	Sports	WNBW	Robert J. Enders
	Philco			
Wrestling	Glenn Earl, RCA Distb.; Pullman Trailers; Walter B. Lloyd, Admiral	Remote	KDYL	George Baker

TITLE	SPONSOR-PRODUCT	TYPE	STATION	ADVERTISING AGENCY
Wrestling	Falstaff Brewing Corp.	Remote	KSD-TV	Dancer-Fitzgerald-Sample
Wrestling	Hyde Park Brewing Assn.	Remote	KSD-TV	Gardner
Wrestling	American Shops, Inc. Men's Suits	Remote	WABD	William N. Schoor
Wrestling	Great Gadgets Co. Pocket Pro.	Remote	WABD	Piedmont
Wrestling	Pioneer Scientific Corp. Polaroid TV Filter	Remote	WABD	Cayton
Wrestling	Southern Select Beer	Sports	WBAP-TV	Ruthrauff & Ryan
Wrestling	George F. Stein Brewery	Remote	WBEN-TV	H. J. Weil
Wrestling	Victor & Co.	Remote	WBEN-TV	Bowman & Block
Wrestling	Harry Alter Co. Crosley Products	Remote—Live	WBKB	Malcolm-Howard
Wrestling	Hudson Dealers of Greater Chicago	Remote—Live	WBKB	Malcolm-Howard
Wrestling	Atlantic Brewing Co.	Remote	WGN-TV	W. B. Burnett
Wrestling	General Electric Supply Corp.	Remote	WMAL-TV	M. Belmont Ver Standig
Wrestling	A. Gettelman Brewing Co. Beer	Sports	WTMJ	Scott, Inc.
Wrestling	Ross Co., Inc.	Sports	WTTG	Mellor and Wallace
Wrestling	Ford Motor Co.	Sports	WWJ	J. Walter Thompson
Wrestling (Ridgewood)	Ripley Clothes Men's Wear	Sports	WPIX	Bobby
Wrestling, St. Nicholas Arena	Trommers Beer, Ale	Remote	WNBT	Federal
Write Your Way	Esterbrook Pens	Studio	WPTZ	Aitkin-Kynett
Yesterday's Headlines	Abbott's Dairy Ice Cream	Film	WCAU-TV	Richard A. Foley
Yesterday's Newsreel	L. Lewis Cigar Mfg. Co.	Film	WCBS-TV	Lewis Adv.
You Name It	Lacy's Motorola	Quiz	WNBW	Henry J. Kaufman
Your New York	Participating (40 Sponsors)	Newsreel	WPIX	N. Y. News
Your Weatherman in Person	General Electric All Products	Weather	WNBW	M. Belmont Ver Standig

TELEVISION HIGHLIGHTS — 1948

(From the Files of **RADIO DAILY**)

JANUARY

- 3—Full page ads in 37 newspapers in 18 television cities announced NBC's plan to create a coast-to-coast television network, centering around three "regional" webs, one of which is currently in existence. The same ad predicts the employment of a quarter-million people in tele manufacturing and broadcasting "within a few years."
- 7—Expansion of Television in its first "boom year" gets off to a strong start during this, the initial year of 1948, with six new stations expected to begin operations before the end of January to add to the 16 now in commercial operation.
- 12—After a lull of a few months, the television "bandwagon" speeded up at the weekend, with eleven more applicants climbing aboard—the largest group in a long time. Not since the rush, following the end of the war, have television applications poured into the FCC at such rapid rate.
- 21—In a move designed to carry out a tentative agreement between the United States and Canada, the FCC yesterday proposed changes in Television allocations in the areas close to the Canadian border.
- 23—Extensive plans for television coverage of the Republican and Democratic national conventions in Philadelphia next spring—video's most ambitious undertaking to date—are rapidly taking shape and expected to be in smooth operating shape well in advance of the first call to order.
- 27—The rapidly expanding television industry is a potential major market for films, and their use will be "unlimited" in the commercial and programming phases of the medium, broadcasters, agency execs and film reps were told yesterday at the video conference at the Hotel Commodore.

FEBRUARY

- 2—ABC announced Friday accelerated plans for television operation in five cities before the end of this year, including the establishment of three preliminary regional chains which will form the nucleus of a later nation-wide network.
- 11—Television's sweeping development toward maturity in all phases in recent months has

set the stage for what appears to be a hotly-contested race among the major transcription firms to enter video on a large scale by spring or late summer.

- 16—London—An experimental theater television service to six cinema palaces in the London area will be put into operation sometime this year, according to plans by the J. Arthur Rank Organization through its subsidiary, Cinema Television, Ltd.
- 24—The FCC has announced the temporary assignment of three high-frequency bands for television pickups, studio transmitter links and intercity video relay, at the same time refusing again to recognize a specific need for bands for theater tele.
- 27—Television rights will be an important stipulation of the 1948 Fair Practices Code now being set up between the Entertainment Managers Association and the American Guild of Variety Artists, it was disclosed yesterday.

MARCH

- 10—Major networks' campaign to line up affiliates for their prospective video webs during the current year moves into high gear this month with both NBC and CBS holding confabs to mull future problems and agreements.
- 11—Official opening of WBAL-TV, Baltimore, today marks the first use of NBC's new temporary relay link between Philadelphia and that city, thus making it the first network with access to independent relay facilities between New York and Schenectady, Baltimore and Philadelphia.
- 15—Entire question as to whether or not television broadcasters may legally prohibit the use of their programs on movie screens will be explored by an organized group of independent theater owners Wednesday, and a test case to force the issue may be made to resolve the problem.
- 19—Television got the green light to use live music for the first time in history yesterday as the major networks and the American Federation of Musicians reached a "complete settlement" on all issues which have been in negotiation since last December.

- 24—A. T. & T.'s new rates for its coaxial cable and relay, scheduled to go into effect on May 1, will be filed with the FCC next week, it was announced yesterday by Bartlett T. Miller, veepee. Proposed rates will cost the broadcasters \$35 a month per air-line mile.
- 29—London—Expected flare-up between musicians and performers here and the BBC regarding television contracts has resulted in a ban on union members in the medium after May 31, it was announced last week after a joint meeting of Equity, Variety Artists Federation and the Musicians Union.

APRIL

- 6—New York City Government is making an all-out effort to pave the way for TV expansion as one of the town's potentially greatest industries—and making certain TV won't go west the way films did 20 years ago.
- 13—Hitherto unexplored facet of television's ability to do a public relations selling job will be tested for the first time on a large scale by a major industrial organization tonight via a nine-city campaign undertaken by the Union Oil Company of Los Angeles, Calif.
- 16—FCC chairman Wayne Coy this week declared the television industry is currently "booming," and predicted that the present rate of its development will mean that over 400 stations will have been granted by the end of this year.
- 20—DuMont network is prepared to make its video fare available to motion picture theaters when and if film distributors reciprocate by providing the web use of feature pictures, Dr. Allen B. DuMont revealed yesterday.
- 23—Major set manufacturers, long nettled over continued price-cutting and other "malpractices" on part of dealers in eastern cities, and particularly New York where traffic is heaviest, have been forced to take the drastic step in recent weeks—outright withdrawal of franchises.
- 27—The TBA told the FCC over the week-end that television relay rates filed with the Commission this winter by AT&T are "discriminatory, excessive and unreasonable," and asked a hearing before the Commission on the schedule.

MAY

- 8—FCC over the weekend proposed a new rule on the minimum time limit on the air for video stations patterned after suggestions filed by the Television Broadcasters Associa-

tion in March. Exceptions are to be filed by May 28.

- 12—NBC and RKO-Pathé yesterday signed a five-year pact whereby the network leases three sound studios and an entire floor of office space in the film company's studio building at 106th Street and Park Avenue, in Manhattan. Pact gives NBC a total of five studios in N. Y. C. alone.
- 18—Video looms as a definite threat for theater box-office and its power to keep people at home more than ever is already reflected in curbed movie attendance, a survey made recently by Foote, Cone & Belding (N. Y.) revealed.
- 19—CBC board of governors announced yesterday its policy on television and emphasized that in view of the limited number of frequencies likely to be available, it will "exercise great care in recommendations regarding applications from individuals or private companies for television licenses."
- 25—FCC announced this week a new policy on hearings of television applications—designed to fit in with the new allocation plan outlined early this month—which is expected to result in a delay of further hearings for new stations in most large cities.
- 26—British press, pointedly indifferent toward the development of television in the United Kingdom since the end of the war, recently executed an about face which is interpreted in trade sources as indicating serious concern over the medium's progress in the UK, in comparison with television in the United States.

JUNE

- 3—RCA has developed a new 500-watts video transmitter which will facilitate the extension of TV service to cities of 50,000 population and enable smaller station to act as network outlers or to originate their own programs, it was announced yesterday.
- 9—Formal dedication of Westinghouse Television station WBZ-TV marked by a substantial expansion of programming, and featuring religious, government and business leaders of the community will be held in Boston tonight.
- 10—Initial results of the first comprehensive study of the growth, impact and effect of television on a typical American community on a continuing basis were revealed yesterday by the Newell-Emmett Company, one of the major ad agencies active in video at the moment.

15—The Dominion Government, currently becoming more concerned over preparations for the advent of television in Canada, was urged in the house of Commons this week to "get a move on" before Canada is "invaded" by programs from the United States.

22—Philadelphia—Television opened its most ambitious schedule yesterday with a full-day airing of the opening of the Republican National Convention here—an occasion which had been provided with perhaps the greatest video promotion of any special event in the short history of the medium.

24—Television took another giant stride forward last night when the Westinghouse Electric Corporation and the Glen L. Martin Company successfully demonstrated "Stratovision" from an airborne transmitter cruising at an altitude of 25,000 feet in the vicinity of Pittsburgh.

JULY

6—Specific action to prevent "unauthorized" pickups of video coverage of the up-coming Democratic National Convention in Philadelphia was taken over the weekend by the Television Committee for Coverage of National Political Conventions.

9—Details of the tentative agreement between the United States and Canada regarding TV channels in the border regions were announced yesterday by the FCC, and were met with complaints that some provisions of the pact would limit opportunity for power expansion by outlets in the areas concerned.

13—Television stations throughout the country will soon have at their disposal a film library covering important world-wide events as the result of a long-term agreement for joint establishment of a television news service signed yesterday by Spyros P. Skouras, president of 20th Century-Fox and Hugh Baillie, President of the United Press Association.

19—Completion of plans for its N. Y. video studio, to occupy the width of a city block between 66th and 67th streets off Central Park West, was announced Friday by ABC, construction of which is to begin immediately.

27—The FCC was told yesterday by ABC that most of the new proposals for TV channel reallocation "were based upon a disregard of the effect of tropospheric interference. The ABC presentation was followed by a lengthy presentation on Stratovision, which opened this new phase of the Commission's TV channel reallocation hearing.

AUGUST

5—Current video boom has skyrocketed to even greater heights than predicted by the most optimistic leaders in the industry, with result that by the end of this year more than 850,000 sets will have been produced and more than 60 stations will be in operation.

11—WJZ-TV, key television outlet of ABC, made its debut as New York's sixth station last night on Channel 7, in perhaps the most elaborate premiere yet accompanying the inaugural of a video opening in any city.

16—Formal application was filed Friday by Westinghouse for first commercial stratovision station to bring television broadcasting to about "6,000,000 people who under the present allocations will not receive protected television." The application is for Channel 8 in the Pittsburgh area.

20—Another experiment designed to test the effectiveness of video in the future conduct of naval warfare will be jointly undertaken by NBC and the Navy Department from an aircraft carrier 35 miles off the New York coast on August 29.

31—Video's explosive commercial upsurge the past six months—the effect of which is being felt in virtually all phases of show business production—has swelled the ranks of independent package firms to almost triple the number feeding their output to TV a year ago.

SEPTEMBER

2—First official meeting between committees of TBA and NAB to discuss future needs of the video industry and possible co-op between the two associations was held yesterday at the Waldorf-Astoria, N. Y.

20—In what is considered to be the heaviest one-shot commercial airtel thus far effected in TV, Kaiser-Frazer will sponsor election night (Tuesday, Nov. 2) coverage on ABC's eastern and mid-west networks, it was announced Friday.

27—Arrival of Motor City's second and third TV stations within the next 30 days, led by opening of ABC's WXYZ-TV on Oct. 9, will focus unprecedented importance on Detroit as a major market, with retailers and set manufacturers setting plans for accelerated activity in that area.

30—Today is UHF Day for the television industry. FCC Chairman Wayne Coy will announce this morning that the Commission has decided to move ahead to insure sufficient channels

for the full development of a competitive TV system, it was learned last night.

OCTOBER

- 1—FCC Chairman Wayne Coy yesterday announced that no further TV applications will be processed for a period of anywhere from a few months to a year or more, pending revision of the engineering standards and allocation table.
- 6—Radio and Television will combine forces today for the greatest coverage of a World's Series in the history of baseball. Approximately 750 radio stations and 19 television stations will be linked together when the Boston Braves and the Cleveland Indians meet for the initial game of the Series at 1 P. M.
- 14—The TV "freeze" imposed by the FCC on hearings and applications will not apply to the Paramount-DuMont case. The Commission promised an early decision on the effect of Paramount's stock ownership in DuMont upon the extent of TV operations by the two companies.
- 19—As the Presidential campaign enters its final two weeks, tele, which heretofore has been left out in the cold as far as political time sales are concerned, is due for an increasing share in the budgets of both major parties.
- 22—Presaging a new era for national and international communications, Ultrafax, a newly developed system of communications, was demonstrated at the Library of Congress yesterday by the Radio Corporation of America.
- 25—First official disclosure that the City of New York is looking toward establishing the first non-commercial television station in the country, within the next year, came from Mayor William O'Dwyer who spoke Friday at the Radio Executives Club luncheon.

NOVEMBER

- 2—Staging a round-the-clock suspense thriller, radio and TV were still going strong at 9 a.m. today, as the army of commentators, newscasters and poll experts at network headquarters await the final countup of electoral votes for the next president of the United States.
- 5—An outside manufacturer will be licensed by Paramount to produce its intermediate theater tele system, it was learned yesterday. Apparatus probably will be available to movie exhibitors sometimes next year at an estimated cost of \$30,000 to \$35,000 per unit.

- 11—American Broadcasting Company yesterday unveiled its newly developed kinescope recording system, which records audio and video simultaneously on 16mm film from a special picture tube.
- 12—Moscow—Government officials here are fast becoming cognizant of potentialities of video for mass information and have inaugurated plans for rapid expansion of the medium. There are two stations already on the air—in Moscow and Leningrad—and others are under construction at Kiev and Sverdlov.
- 26—First tele pickup of an entire opera will be made by ABC Monday night at the Metropolitan Opera Company's opening of the 1948-1949 season. Program will be sponsored by the Texas Company through the Buchanan Agency.

DECEMBER

- 1—Removal of the present 500 ft. limit on TV antenna towers, resulting in wider coverage, was urged yesterday by Dr. T. T. Goldsmith of DuMont in an engineering conference on tropospheric effects before the FCC.
- 8—Milton Berle's Texaco Star Theater presented Tuesday nights on WNBT, New York, and NBC television network, ranks first by a wide margin in a pool of East Coast television and radio editors to determine "Your Favorite TV Program," and obtain an appraisal of their thinking on TV programming.
- 16—First practical use of carrier synchronization to extend TV coverage by reducing interference between stations is now under way on a full time basis between WNBT and WNBW, NBC outlets in New York and Washington, respectively, it was announced yesterday by David Sarnoff, chairman of the board of RCA and the network.
- 28—While complaints that television is killing attendance at local movie theaters are heard from many quarters, the major film producers are rushing plans to use TV for promotion and exploitation of their products, it was learned yesterday, and one company, Universal-International, has already begun servicing stations with publicity material.
- 29—Divorcement of TV from radio on many levels of network operation is in the works, with the first steps along this line expected to be announced during the first quarter of next year, it was learned yesterday. The move will probably be tied in with the advent of large scale day-time programming, expected to get under way about that time.

TV Construction Permits Granted For Commercial Stations

AS OF JANUARY 1, 1949

ALABAMA

City	Applicant	Call Letters	Channel No.	Frequency (mc)	ERP Visual-Aural (kw)
Birmingham	Birmingham Bcstg. Co., Inc.	WBRC-TV	4	66-72	14.5—7.7
Birmingham	The Voice of Ala., Inc.	WAFM-TV	13	210-216	26—27.2

ARIZONA

Phoenix	Phoenix Tele. Co.	KTLX	5	76-82	17.5—8.7
---------	-------------------	------	---	-------	----------

CALIFORNIA

Los Angeles	American Bcstg. Co.	KECA-TV	7	174-180	29.4—14.8
Los Angeles	National Bcstg. Co.	KNBH	4	66-72	15—8
Riverside	Bcstg. Corp. of America	KAHO	1	44-50	1—1
San Diego	The Jack Gross Bcstg. Co.	KFMB-TV	8	180-186	20—20.2
San Francisco	American Bcstg. Co.	KGO-TV	7	174-180	28.1—14.6
San Francisco	The Chronicle Pub. Co.	KRON-TV	4	66-72	18.24—19.2
Stockton	E. E. Peffer	KGDM-TV	8	180-186	1.93—1.80

DELAWARE

Wilmington	WDEL, Inc.	WDEL-TV	7	174-180	1—5
------------	------------	---------	---	---------	-----

DISTRICT OF COLUMBIA

Washington	Bamberger Bcstg. Service, Inc.	WOIC	8	186-192	27.3—14.4
------------	--------------------------------	------	---	---------	-----------

FLORIDA

Jacksonville	City of Jacksonville	WJAX-TV	2	54-60	15—7.5
Jacksonville	Fla. Bcstg. Co.	WMBR-TV	4	66-72	14.8—7.4
Jacksonville	Jacksonville Bcstg. Corp.	WPDQ-TV	6	82-88	19.4—10
Jacksonville	Metropolis Bcstg. Co.	WJHP-TV	8	180-186	25.1—13
Miami	Southern Radio & Tele Equip. Co.	WTVJ	4	66-72	1.57—1.786
St. Petersburg	Sunshine Tele Corp.	WSEE	7	174-180	26.2—13.1

GEORGIA

Atlanta	Constitution Pub. Co.	WCON-TV	2	54-60	15.8—9.05
---------	-----------------------	---------	---	-------	-----------

ILLINOIS

Peoria	Peoria Bcstg. Co.	WMBT-TV	6	82-88	17.2—8.6
Peoria	West Central Bcstg. Co.	WEEK-TV	12	204-210	29—14.5
Rock Island	Rock Island Bcstg. Co.	WHBF-TV	4	66-72	13.6—7.6

INDIANA

Bloomington	Sarkes & Mary Tarzian	WTTV	10	192-198	1—1
Indianapolis	William H. Block Co.	WUTV	3	60-66	14.44—7.6
Indianapolis	WFBM, Inc.	WFBM-TV	6	82-88	28.2—18.1

IOWA

Ames	Iowa State Coll. of Agr. & Mech. Arts	WOI-TV	4	66-72	13—10.4
Davenport	Central Bcstg. Co.	WOC-TV	5	76-82	22.9—22.9

KENTUCKY

Louisville	WHAS, Inc.	WHAS-TV	9	186-192	9.6—7.2
------------	------------	---------	---	---------	---------

LOUISIANA

New Orleans	Maison Blanche Co.	WRTV	4	66-72	14.5—7.6
New Orleans	Times-Picayune Pub. Co.	WTPS-TV	7	174-180	21.5—18

MASSACHUSETTS

Boston	Raytheon Mfg. Co. (Waltham)	WRTB	2	54-60	50—29.8
--------	-----------------------------	------	---	-------	---------

MICHIGAN

Grand Rapids	Leonard Versluis	WLAV-TV	7	174-180	20—10
Kalamazoo	Petzer Bcstg. Co.	WKZO-TV	3	60-66	15.7—7.9
Lansing	WJIM, Inc.	WJIM-TV	6	82-88	20.6—10.3

CP's FOR COMMERCIAL TELEVISION STATIONS

MINNESOTA

Minneapolis-St. Paul	Minn. Bcstg. Corp.	WCTN-TV	4	66-72	17.9--9.2
Minneapolis-St. Paul	Northwest Bcstg. Co.	KTRV	9	186-192	20.5--15.5

MISSOURI

Kansas City	Kansas City Star	WDAF-TV	4	66-72	22--11
-------------	------------------	---------	---	-------	--------

NEBRASKA

Omaha	May Bcstg. Co.	KMA-TV	3	60-66	17.8--8.9
Omaha	Radio Station WOW, Inc.	WOW-TV	6	82-88	16.2--8.5

NEW YORK

Binghamton	Clark Assoc., Inc.	WNBF-TV	12	204-210	12--11.7
New York	Bamberger Bcstg. Service, Inc.	WOR-TV	9	186-192	9.5--11
Rochester	Stromberg-Carlson Co.	WHTM	6	82-88	16.7--8.7
Syracuse	Radio Projects, Inc.	WSYR-TV	5	76-82	23--12.2
Syracuse	WAGE, Inc.	WAGE-TV	10	192-198	30--15
Utica	Copper City Bcstg. Co.	WKAL-TV	13	210-216	13--11.3
Utica	Utica Observer-Dispatch, Inc.	WVTL	3	60-66	15.5--7.5

NORTH CAROLINA

Charlotte	Jefferson Standard Bcstg. Co.	WBT-TV	3	60-66	16.3--8.62
Greensboro	Greensboro News Co.	WTLE	2	54-60	1.67--.84

OHIO

Cincinnati	Radio Cincinnati, Inc.	WKRC-TV	11	198-204	23--12
Cincinnati	Scripps-Howard Radio, Inc.	WCPO-TV	7	174-180	21--12
Cleveland	Empire Coil Co., Inc.	WXEL	9	186-192	21--13
Columbus	Crosley Bcstg. Corp.	WLWC	3	60-66	15.2--12.8
Columbus	Picture Waves, Inc.	WTVN	6	82-88	14.3--9
Columbus	TV, Inc.	WBNT	10	192-198	28.4--14.2
Dayton	Crosley Bcstg. Corp.	WLWD	5	76-82	18--6
Dayton	Miami Valley Bcstg. Corp.	WGHQ-TV	13	210-216	24--25.2

OKLAHOMA

Oklahoma City	WKY Radiophone Co.	WKY-TV	4	66-72	12.1--6.2
Tulsa	George E. Cameron, Jr.	KOVN	6	82-88	16.6--8.5

OREGON

Portland	Video Bcstg. Co.	KTVU	3	60-66	15.5--9
----------	------------------	------	---	-------	---------

PENNSYLVANIA

Erie	Dispatch, Inc.	WICU	12	204-210	3--1.5
Johnstown	WJAC, Inc.	WJAC-TV	13	210-216	6.5--7
Lancaster	WGAL, Inc.	WGAL-TV	4	66-72	1--.88
Pittsburgh	Allen B. DuMont Labs., Inc.	WDTV	3	60-66	16.6--8.3

RHODE ISLAND

Providence	The Outlook Co.	WJAR-TV	11	198-204	30--15
------------	-----------------	---------	----	---------	--------

TENNESSEE

Nashville	WSM, Inc.	WSM-TV	4	66-72	14.4--7.2
-----------	-----------	--------	---	-------	-----------

TEXAS

Dallas	KRLD Radio Corp.	KRLD-TV	4	66-72	46 Pending
Dallas	Lacy-Potter Tele Bcstg. Co.	KBTV	8	180-186	35--18.5
Houston	W. Albert Lee	KLEE-TV	2	54-60	16--8.5
San Antonio	San Antonio Tele Co.	KEYL	5	76-82	17.9--9
San Antonio	Southland Industries, Inc.	WOAI-TV	4	66-72	21.6--10.8

UTAH

Salt Lake City	Radio Service Corp. of Utah	KSL-TV	5	76-82	18.4--9.2
----------------	-----------------------------	--------	---	-------	-----------

VIRGINIA

Norfolk	WTAR Radio Corp.	WTAR-TV	4	66-72	24--12
---------	------------------	---------	---	-------	--------

WEST VIRGINIA

Huntington	WSAZ, Inc.	WSAZ-TV	5	76-82	18.2--9.1
------------	------------	---------	---	-------	-----------

TELEVISION TALK

A Modern Glossary

(Courtesy Caldwell-Clements, Inc. & Radio Corp. of America)

The advent of television has brought with it a new vocabulary born in the research laboratories, studios, factories—indeed, all parts of the industry. As new techniques are developed, new words and new phrases are coined almost daily. What follows, therefore, is a glossary of the new language of a new and vital part of American life:

A

AMPLITUDE—The magnitude of any quantity, particularly voltage or current.

AMPLITUDE MODULATION—The periodic variation of the voltage or current amplitude in a circuit in accordance with some signal transmitted. Used for television picture.

ANTENNA—An electrical circuit for radiating or receiving electromagnetic waves (radio).

ASPECT RATIO—The ratio of picture width to picture height. Now 4:3.

AUDIO—(I hear.) A term applied to any part of a radio or electrical system handling frequencies in the audible range, normally from 20 cycles to 15,000 cycles.

B

BAND-PASS FILTER—An electric circuit which will transmit frequencies between two limits and reject others outside those limits.

BANDWIDTH—The arithmetical difference between the maximum and minimum frequencies required to convey the information being transmitted, either visual or aural.

BLACKER-THAN-BLACK—A portion of the television signal devoted to synchronizing. These synchronizing signals are transmitted at a higher power than the blackest part of the picture, so that they will not appear on the screen.

BLANKING—The process of cutting off the cathode ray during the time it is not forming a part of the picture. This occurs when the spot returns from the far right to begin the next line and from the bottom to the top of the picture.

BLOCKING OSCILLATOR—A type of oscillator which generates a saw-tooth shaped signal used for scanning in a cathode ray tube.

BLOOM—The condition of overall bright illumination of the picture tube obscuring any picture detail.

BOOSTER ANODE—A conductive coating placed inside a cathode-ray tube near the screen. Because of a high positive voltage applied, it causes a brighter picture.

BRIGHTNESS CONTROL—A control on the receiver for regulating the overall brightness of the picture.

C

CAMERA TUBE—The electron tube used to translate a scene into electrical impulses.

CARRIER—The term applied to the high frequency radio wave which is modulated by the audio and video signals.

CATHODE—The electrode in a tube from which electrons are obtained, usually by heating or by photoelectric effects.

CATHODE RAY TUBE—An electron tube in which streams of electrons from a cathode are formed into a pencil-like beam and directed by means of electric or magnetic fields over a target, usually a fluorescent screen which glows wherever the beam strikes.

CHARACTERISTIC IMPEDANCE—The input impedance of a transmission line infinitely long or a short line terminated in its characteristic impedance. The impedance is independent of length and depends on size of conductor and spacing.

CLIPPER—A circuit used to separate signals of different amplitudes. In television these circuits are used to separate the synchronizing pulses from the video signal.

COAXIAL CABLE—A particular type of cable capable of passing a wide range of frequencies without the usual prohibitive losses. Such a cable in its simplest form consists of a hollow metallic conductor with a single wire accurately supported along the center of the hollow conductor.

CONTRAST—This refers to the ratio of black to white portions of a picture. Pictures having high contrast have very deep blacks and brilliant whites, while a picture with low contrast has an overall gray appearance.

CONTRAST CONTROL—A control on the receiver which regulates the video signal strength. This has the effect of changing the ratio of the black and white portions of the picture. It corresponds to the volume control in an aural receiver.

CONTROL ROOM—Studio facilities from which television cameras, lighting, shading and mixing is performed.

CYCLE—One complete set of values in any series of phenomena which repeats periodically. In radio this usually refers to one complete range of values for either voltage or current.

D

DAMPING CIRCUITS—These circuits are used to prevent high voltages from being induced in the deflection coils when the current changes suddenly.

DC RESTORER—This circuit regulates the average brightness of the television picture tube to correspond with the average brightness of the scene being transmitted.

DC TRANSMISSION—This term applies to circuits which will pass zero frequency—that is, direct current.

DEFINITION—Refers to the degree of picture detail accomplished by the receiver circuits.

DEFLECTION—The movement of the cathode ray beam by electric or magnetic fields.

DEFLECTION YOKE—The combination of coils used to direct the cathode ray up-and-down and right-and-left to form the image.

DELAY SCREEN—A fluorescent screen used in cathode ray tubes, which has the property of phosphorescence. The light intensity of any particular spot dies out gradually after the ray moves to a new position when this material is used.

DIFFERENTIATING CIRCUITS—These circuits respond to the rate of change of a pulse and are used in synchronizing the receiver scanning.

DIODE—A vacuum tube having two elements, one of which emits electrons (the cathode) and the other the anode which attracts electrons. It is used for rectification (detection), that is, the conversion of alternating currents into direct currents.

DIPOLE ANTENNA—An antenna consisting of two conductors, usually of equal length extending in the same straight line, with a pair of lead or feeder wires connected at or near the inner ends. For television the physical dimensions are such that self-supporting metal rods or tubes can be used. (See Antenna).

DIRECTOR—A section of an antenna used to increase the pick-up from the side on which the director is placed.

DISSECTOR TUBE—The special type of television camera tube developed by Philo T. Farnsworth.

DISTORTION—Any change in the original frequency, amplitude or phase of a radio signal.

DIVERGENCE—The spreading of a cathode ray stream due primarily to the mutual repulsion between the electrons that compose it. The function of the focusing arrangement in the tube is to counteract this effect.

DOLLY—The movable stand upon which the television camera is mounted.

DOUBLE SIDE BAND—When a carrier is modulated by a plurality of signal frequencies, two new, distinct bands of frequencies appear, of frequencies higher and lower than the carrier frequency.

E

ELECTRODE—A metallic conductor introduced into a vacuum tube for a specific purpose. It must be electrically connected to the external circuit. In general each electrode is referred to by its specific use, such a cathode, grid, anode, etc.

ELECTROMAGNETIC FOCUSING—A system in which magnetic fields parallel to the motion of the electrons are used to confine them to a narrow beam.

ELECTRON—The smallest electric charge having a negative polarity.

ELECTRON GUN—That part of a cathode ray tube in which the electrons are emitted, formed into a beam and deflected.

ELECTRON LENS—A systematic arrangement of electromagnetic or electrostatic fields, having symmetry about the axis of a cathode ray tube, as to their radial components, established for the purpose of controlling the divergence and convergence of the electron ray.

ELECTRON MULTIPLIER—An evacuated amplified tube in which one or more anodes have photoelectric surfaces which are exceedingly active as to secondary emission. The original electron emission is cascaded by the secondary effects.

ELECTRON TUBE—A device employing a cathode, an anode and possibly additional electrodes for controlling the volume and direction of flow of electrons which constitute electric current.

ELECTROSTATIC FOCUSING—A system in which electric fields are employed to confine the electrons into a thin stream.

EMISSION—The continuous liberation of electrically charged particles, either ions or electrons, into space (usually evacuated) from a surface. The most important case practically is where these particles are negatively charged, i.e., electrons.

EQUALIZING PULSES—These are signals transmitted after each vertical synchronizing pulse to insure correct start of horizontal sweep circuit.

F

FACSIMILE TRANSMISSION—The electrical transmission over wires or radio circuits of printed records and pictures. While this term originally referred to black-and-white line reproductions only, it is now considered to include processes producing half-tone and shaded effects as well.

FADE-OUT—A camera technique in which a scene is gradually dimmed from view.

FIDELITY—The faithfulness with which a system reproduces audio or video signals.

FIELD—This term refers to one set of scanning lines making up a part of the final picture. In present standards, pictures are transmitted in two fields of 262½ lines which are interlaced to form 30 complete frames per second.

FLICKER—Fluctuations in the overall brightness of pictures. Not encountered in normal television operations.

FLUORESCENT SCREEN—A chemical coating on the inside of a cathode ray tube which emits light at the point where a cathode ray beam strikes.

FLYBACK—In scanning, the spot is moved across the screen at a definite rate in one direction for each scanning line. It is necessary to restore it to the start of the next line in a very short interval of time, say three or four millionths of a second. This return time is termed flyback, and the voltage to accomplish it is called flyback voltage.

FOCUS—In a cathode ray tube this refers to the size of spot of light on the screen. The tube is said to be focused when the spot is smallest. This term also refers to the optical focusing of the camera lenses.

FRAME—One of a series of complete pictures that are successively viewed so as to simulate moving scenes. In television, thirty are sent each second.

FRAME FREQUENCY—The rate at which frames are sent each second in the various moving picture and television applications.

FRAMING CONTROL—This control on a receiver adjusts the picture repeat rate to that of the transmitter. It is also called the vertical hold control.

FREQUENCY—A term applied to the rate of repetition of voltage or current or other periodic functions.

FREQUENCY MODULATION—A process by which the carrier frequency is modulated in accordance with the information to be transmitted. Used for television sound.

FUNDAMENTAL—The basic frequency of a wave or sound. It is sometimes referred to as the "first" harmonic.

G

GAS-FILLED TRIODE—A type of vacuum tube in which the elements operate in an atmosphere of gas, such as mercury, argon, helium, etc.

GHOST—A secondary picture formed on a television receiver because the signal from the transmitter reaches the antenna by more than one path. Ghosts may be caused by the radio signal being reflected from objects near transmitter or receiver.

H

HALATION—The ring of illumination which surrounds the point at which the electron beam strikes the fluorescent screen.

HARMONICS—In electrical and radio circuits the fundamental current waves are usually accompanied by others whose frequencies are equal to some whole number multiple of that fundamental. These multiples are called harmonics.

HEAVISIDE LAYER—The ionosphere. A region of ionized air some fifty miles above the surface of the earth. Its lower boundary acts as a reflective surface or "mirror" for radio waves of certain frequencies. Rapid changes in the height of this lower boundary and its contour causes much of the radio interference and fading.

HETERODYNING—The process of changing frequency by combining the received signals with the output of an oscillator tube in the receiver.

HORIZONTAL CENTERING—The position of the picture with respect to the axis of the cathode ray tube. This is accomplished by a control on the receiver.

HORIZONTAL HOLD CONTROL—A control on the receiver for adjusting the number of lines per second to correspond with that of the transmitter.

I

ICONOSCOPE—A designation used by RCA for a particular type of cathode ray camera tube developed for the purpose of picking up the scenes to be televised.

IMAGE DISSECTOR—A television camera tube developed by P. T. Farnsworth in which the photoelectrons are moved past a pickup aperture by deflection circuits.

IMPEDANCE—A combination of electrical resistance and reactance, analogous to mechanical friction and inertia.

INTEGRATING CIRCUITS—Circuits used to add up the energy of a number of repeated pulses. These circuits are used in the receiver for synchronization.

INTERFERENCE—Random electrical signals which cause noise in the audio system and disrupt the picture in television. This includes automobile-ignition impulses, some diathermy apparatus, neon signs, FM and short wave stations, etc.

INTERLACING—A system whereby the odd numbered lines and the even numbered lines of a picture are sent as two separate successive fields and superimposed to create one frame or complete picture.

ION—An electrified particle formed when an atom of gas loses or gains electrons.

ION SPOT—A discoloration on the center of the screen of a cathode ray tube caused by heavy negative ions striking it.

K

KERR CELL—A chemical solution which changes its light transmission characteristics when electric fields are applied to the solution. An early form of a television reproducer system no longer used.

KEYSTONE EFFECT—A distorted field or background noticed in some cases with television pictures, where the opposite edges are not parallel.

KILOCYCLE—One thousand cycles.

KINESCOPE—A name applied to the cathode ray tubes used in television receivers built by RCA.

L

LENS—A radial field (electrostatic or magnetic) applied concentric with a cathode ray to concentrate the diverging electrons into a single slender beam, is called a lens.

LINE—The path covered by the moving electron spot. The intensity of the spot along this path is altered to create that portion of the picture. In present system 525 lines make up the complete picture.

LINEARITY—A term used to refer to the straightness of a characteristic curve, or a portion of that curve, that shows the relation between two quantities or circuit factors. The uniformity of distribution of a regular pattern on a picture tube.

LINE FREQUENCY—The number of lines scanned each second. In any system it is equal to the number of scanning lines per frame, multiplied by the framing frequency.

LINE OF SIGHT—A straight, unobstructed path between two points.

LIVE TALENT—"On-the-spot" televising of events and people in contrast to transmission of film material.

M

MEGACYCLE—A total of one million cycles.

MICROPHONE BOOM—The arm which carries the microphone above the area being televised.

MICROWAVE—This term generally refers to radio waves having a wavelength of less than one meter, that is, one having a frequency greater than 300 megacycles.

MODULATION—A process of altering the amplitude, phase or frequency of a radio carrier in accordance with the information to be transmitted.

MODULATION GRID—An electrode interposed between the cathode and focusing electrodes in a cathode ray tube, to control the amount of emission and thereby the brilliance of the spot. This controlling effect is produced by altering the voltage of this grid with respect to the cathode.

MONITORING—The technique of controlling, at the transmitter, the picture

shading, and other factors involved in the transmission of both the scene and the accompanying sound.

MONOSCOPE—A television camera tube which contains a simple picture or pattern used for test purposes.

MOSAIC—The screen used in an Iconoscope so called due to its similarity to that form of art wherein a great many bits of colored tile are combined so as to form a picture.

MULTIPATH TRANSMISSION—The condition in which the radio signal from the transmitter travels by more than one route to a receiver antenna usually because of reflections from obstacles. This condition usually results in ghost pictures.

N

NEGATIVE GHOST—Image in which black areas are white and white areas black.

NEGATIVE TRANSMISSION—This has to do with the polarity of transmission of a television signal, or the direction of modulation to produce the light and dark parts of the picture. In negative transmission a white area corresponds to a decrease in the carrier amplitude. This is the present U. S. method.

O

ORTHICON—A television camera tube now seldom used, in which some of the features of the image dissector and Iconoscope are combined.

P

PANNING—(From panorama). A camera technique in which a large arc of the scene is shown by swinging the camera around a central point.

PEAKING—A technique of increasing the response of amplifiers at some particular range of frequencies. Also applied to certain sweep voltage wave shape characteristics.

PEDESTAL—A portion of the television video signal used to blank out the cathode ray beam as it flies back from the right edge of the picture to the left.

PERSISTENCE OF VISION—A characteristic of the human eye which retains the details of a scene for a fraction of a second.

PHASE—A term used to designate the time relation between the maximum points of two recurrent electrical quantities such as voltage, current, etc. It is expressed in degrees of a circle, one complete revolution of which represents one cycle of one of the waves.

PHASE SHIFT—Any change in the phase relations of current or voltage.

PHOTOELECTRIC EMISSION—The phenomena of electrons being emitted from certain materials when they are exposed to light.

PHOTOELECTRIC TUBE—A tube in which electrons can flow to a charged anode when light falls on the tube causing emission.

PICTURE ELEMENT—A minute section of a given scene as reproduced by the cathode ray spot at any instant.

PICTURE NOISE—Interference signals causing spots of light and other irregular patterns on the received picture.

POLARIZATION—A term usually applied to the position of the transmitting antenna, that is horizontal or vertical. The receiver antenna should correspond in most instances to that of the transmitter. At the present time horizontal polarization is standard.

POSITIVE TRANSMISSION—A television system in which maximum radiated power from the transmitter corresponds to maximum white area in the picture. Not used in this country.

R

RASTER—A term applied to the group of lines appearing on the cathode ray tube in the absence of an incoming video signal.

REACTANCE—Opposition to the flow of alternating current by the inductance and capacity (but not resistance) in an electrical circuit.

RECTIFIER—A device—commonly a tube—which changes alternating current to direct current.

REFLECTOR—A part of an antenna system used to prevent pick-up of signals in one direction and increase it in the opposite direction.

RELAXATION OSCILLATOR—A type of circuit which oscillates periodically. Used to generate scanning voltages.

RETURN TRACE—The lines on the cathode ray screen formed as the cathode ray beam moves back to its starting position. Not visible when a signal received.

S

SAW-TOOTH—A voltage or current whose variation with time follows a saw-tooth

outline. This is the basic wave shape used to sweep the spot over the cathode ray tube screen.

SCANNING—The process of forming a picture by a spot of light of changing intensity moving at high speed from left to right and in a sequence of rows or lines from top to bottom.

SCANNING LINE—One line from left to right of a picture being transmitted.

SCHMIDT OPTICAL SYSTEM—An optical train utilizing a high intensity kine-scope, a semi-circular mirror and correcting lens to project an enlarged television image onto a viewing screen.

SENSITIVITY—A measure of the ability of a receiver or other device to produce a given output for a given input.

SERVICE AREA—The extent of terrain over which the signals from a television transmitter can be successfully received.

SHADING—The process of correcting the light distribution of the image produced by the television camera. This is a part of the station monitoring job.

SIDE BANDS—The groups of frequencies higher and lower than the carrier which contain the information being transmitted and produced by the process of modulation.

SIGNAL—The electrical impulses which represent the sound or picture elements being transmitted.

SIGNAL-TO-NOISE RATIO—The relative proportion of signal strength to atmospheric and man-made interference encountered at any specific location.

SPECTRUM—A band or range of frequencies.

SPOT—The light produced by the slender beam of electrons on the fluorescent screen.

SWEEP—The uniform motion of the electron beam across the face of the cathode ray tube.

SYNCHRONIZATION—The process of keeping the moving beam of electrons at the picture tube in the exact relative position with the scanning process at the transmitter.

T

TELEVISION—Literally, seeing at a distance. A system of transmitting a scene by dividing it, by a scanning process, into a great number of elemental areas and representing each area by an electrical signal. The electrical signals are received and used to control the intensity of a spot of light to correspond to the light and shade of each original picture area as the spot is moved over a screen, in synchronism with the scanning at the transmitter.

TELEVISION CAMERA TUBE—A cathode ray tube used to convert light and shade portions of a scene into electrical signals.

TELEVISION PICTURE TUBE—A cathode ray tube in which a picture being transmitted is recreated by a moving beam of electrons.

TEST PATTERN—A drawing containing a group of lines and circles, etc. transmitted for receiver and transmitter test purposes.

TRAP—A circuit used to reject unwanted signals.

TRIMMER—A device which permits a resonant circuit to be tuned over a limited frequency range.

V

VESTIGIAL SIDE BAND TRANSMISSION—A method of suppressing part of one side band to limit bandwidth requirements.

VERTICAL CENTERING—The control which regulates the position of the picture vertically on the screen.

VERTICAL HOLD—A control on the receiver to adjust the field rate of the scanning to that of the transmitter.

VIDEO—(I see.) The portion of the television signal which contains the picture information.

VIEWING MIRROR—A mirror used to reflect the image formed on the picture tube at a convenient viewing angle.

W

WAVEGUIDE—A hollow tube of metal or plastic used to conduct microwaves between points of usage at transmitter and receiver.

Y

YOKE—A set of coils used around the neck of a cathode ray tube to produce horizontal and vertical deflection of the electron beam.

TELEVISION FILM PRODUCERS

PERSONNEL — PHONE NUMBERS — ADDRESSES — CONTACTS OF 35 AND 16mm. FILM PRODUCERS AND ORGANIZATIONS OFFERING FACILITIES FOR TV FILM PRODUCTION

- ABT Productions, Inc.**, 460 W. 54th St., N. Y. C., Columbus 5-7200; Ira H. Simmons, Producers of TV Film Programs.
- Acme Teletronics (NEA)**, 1200 W. 3rd St., Cleveland, Main 7300; Meade Munroe, News Script, strip film.
- Paul F. Adler Associates**, 535 Fifth Ave., N. Y. C., MUrray Hill 7-1608; Paul F. Adler, Films to order.
- Advance Tel. Picture Serv., Inc.**, 729 Seventh Ave., N. Y. C., Columbus 5-5400; Chas. A. Allocated, Films to order, shipping.
- Adventure Films, Inc.**, 165 W. 46th St., N. Y. C., PLaza 7-2320; Win. Alexander, Travel films for lecturers.
- Advertisers Television Service**, 35 W. 63rd St., N. Y. C., PLaza 7-7150; John Sheppard, Jr., Films to order, rentals.
- Advertising House, Inc.**, 670 Lexington Ave., N. Y. C., MUrray Hill 8-0220; J. M. Gielis, Films to order.
- A. E. Films, Inc.**, 1600 Broadway, N. Y. C., Circle 7-2860; Miss R. Kossoff, News, Educational films.
- Eddie Albert Productions**, 1133 No. Highland Ave., Hollywood, G. 4118; John E. Fletcher.
- Alker Productions**, 545 Fifth Ave., N. Y. C., MUrray Hill 7-6806; B. E. Karlen, Films to order.
- Doug Allan Productions, Inc.**, 112 W. 89th St., N. Y. C., SCHuyler 4-6480; Doug Allan, Travel, outdoor films to order.
- Allen & Allen Productions**, 3947 W. 59th Pl., L. A., AXminster 3-3314; George E. Allen, Films to order, Educ. Shorts.
- All-Scope Pictures, Inc.**, 1209 Taft Bldg., Hollywood, Hollywood 8298; G. S. Mitchell, Films to order, rentals.
- American Drama Guild of Telev.**, 150 E. 54th St., N. Y. C., PLaza 3-0871; John Darrow, Films to order.
- American Film Co.**, 1329 Vine St., Philadelphia, Walnut 2-1800; Ben Harris, Films to order.
- American Film Producers**, 1660 Broadway, N. Y. C., PLaza 7-6918; Robert Gross.
- American Film Services, Inc.**, 1010 Vermont N.W., Washington, D. C., Executive 4528; H. V. Hoagland, Shorts for rental.
- American Film & Televad Co.**, 759 W. 7th St., St. Paul, Minn., Dale 4820; Bart O. Foss, Films to order.
- Amfelco**, 635 So. Kenmore Ave., L. A., Drexel 3205; John C. Bowman, Commercial spot films.
- Amusement Enterprises, Inc.**, 415 N. Redford, Beverly Hills, Cal., Crestview 5-2617; Bernard Luber, Films to order.
- Animated Video Films**, 931 N. La Cienega, L. A., Adaras 6169; Ace Gamer, Films to order.
- Apex Film Corp.**, 971 N. La Cienega, L. A., Crestview 6-7006; Jack Chertok, Films to order.
- Argosy Television Corp.**, 9336 Wash. Blvd., Culver City, Cal., Texas 0-2931; John Ford, Entertainment films.
- Arista Productions**, 92 Gold St., N. Y. C., Dickens 9-1000; J. R. Perrin, Films to order, rentals.
- Ascott Productions, Inc.**, 321 S. Beverly Drive, Beverly Hills, Cal., Cr. 0-8050; Sidney G. Ross.
- Association Films**, 347 Madison Ave., N. Y. C., MUrray Hill 6-1200; J. R. Bingham, Educational films.
- Astor Pictures Corp.**, 130 W. 46th St., N. Y. C., BRyant 9-2467; R. M. Savini, Films to order, Rentals.
- Atlas Film Corp.**, 1111 S. Blvd., Oak Park, Ill., Euclid 3100; K. W. Lineberry, Films to order.
- Attwood Productions, Inc.**, 8746 Sunset Blvd., L. A., Crestview 5-6811; B. M. Glasser, Films to order.
- Audio Productions, Inc.**, 630 Ninth Ave., N. Y. C., Columbus 5-8771; F. K. Speidell, Films to order, rentals.
- Basch Radio & Tel. Prod.**, 17 E. 46th St., N. Y. C., MUrray Hill 2-8877; C. J. Basch, Jr., Animated films to order.
- Bavano Films**, 8754 Arlene Terrace, L. A., He 7618; Douglas Bagler.
- Zach Baym**, 114 Grafton St., Brooklyn, N. Y., Dickens 2-0243; Zach Baym, Films, film clips to order.
- V. S. Becker Advertising Serv.**, 562 Fifth Ave., N. Y. C., LUXemburg 2-1040; Viola Becker, Films to order, rentals.
- Bell International Productions**, 5717 Sunset Blvd., L. A., HUDson 2-2345; Jack Gilson, Films to order, rentals.
- Bell Pictures Corp.**, 630 Ninth Ave., N. Y. C., Circle 6-1383; Lawrence Kulick, Films to order, rentals.
- Bengal Pictures**, 920 N. Robinson, L. A., Normandy 1-6927; P. E. Cantonwine, Films to order, rentals.
- Bennett Films**, 5617 Garcourt Ave., Los Angeles, Calif., AX. 2-7174.
- Gene Blakely**, 1209 N. Formosa, L. A., Gladstone 5715; Gene Blakely, Films to order, rentals.
- Bonded Television Corp.**, 8749 Sunset Blvd., Hollywood, Crestview 5-4194; Anson Bond, Films to order, rentals.
- Bray Studios, Inc.**, 729 Seventh Ave., N. Y. C., Circle 6-4582; J. R. Bray, Films to order, rentals.
- British Information Serv.**, 30 Rockefeller Plaza, N. Y. C., Circle 0-5100; Mrs. Tebbett, Shorts for rental.
- Broadcast Productions, Inc.**, 1313 Lafayette Bldg., Detroit, Mich., Woodward 5-0909; T. S. David, Films, Newsreels to order.
- Samuel Bronston Productions**, 9886 Charleville Blvd., Beverly Hills, Cal., Br. 2-5141; Ben Berk.
- Irving Browning Studios**, 70 W. 46th St., N. Y. C., MUrray Hill 2-7490; Irving Browning, Films to order, rentals.
- Al Buffington Co.**, 2104 N. Charles St., Baltimore; Al Buffington, Films to order.
- Allen Burg Studio**, 819 N. La Cienega, L. A., Br. 2-3737.
- Allyn Butterfield Prod.**, 6823 Santa Monica Blvd., L. A., Hollywood 3961; A. Butterfield, Films to order.
- Byron, Inc.**, 1226 Wisc. Ave. N. W., Wash., D. C., Dupont 1800; T. Byron, Films to order.

Television Film Producers

- C & G Film Effects Co., 723 Seventh Ave., N. Y. C., PLaza 7-4558; H. A. Casolaro, Films, effects to order.
- Cain-Schumann Music Serv., 1040 N. Las Palmas, Hollywood, Gr. 3111; C. R. Cain.
- Campus Film Productions, 161 Remsen St., Brooklyn, N. Y., TRiangle 5-6296; N. Campus, Films to order, rentals.
- Capital Film Exchange, 1314 Vine St., Philadelphia, Pa., Spruce 4-2698; E. J. Gabriel, Rentals, storage, booking.
- Capitol Records, Inc., Sunset & Vine, Hollywood, Hollywood 8171; W. B. Davidson, Transcription libraries.
- Caravel Films, Inc., 730 Fifth Ave., N. Y. C., Circle 7-6111; David L. Pincus, Industrial & TV Films to order.
- Carmel-Hollywood Films, 6060 Sunset Blvd., L. A., Hillside 2181; H. G. Saperstein, Films to order, rentals.
- Cascade Pictures of California, 8822 Wash. Blvd., Culver City, Calif., Vermont 8-2185; B. J. Carr, Films to order, rentals.
- Casino Film Exchange, Inc., 210 E. 84th St., N. Y. C., REgent 4-2057; J. Scheinman, German films for rental.
- Catholic Movies, 220 W. 42nd St., N. Y. C., Wisconsin 7-9130; Stan Lewek, Religious films for rental.
- Cavalcade Pictures, Inc., 959 Seward St., Hollywood Hollywood 5458; Harvey Pergament.
- Century Television Prod., Inc., 846 N. Calaverza, Hollywood, Hollywood 5981; H. L. Gelsky, Films to order.
- Chicago Film Laboratory, Inc., 18 W. Walton Pl., Chicago, Whitehall 4-6971; A. G. Dunlop, Films to order.
- China Film Enterprises of America, 182 W. 43rd St., N. Y. C., Wisconsin 7-6872; K. C. Tsien, Shorts for rental.
- Chorographers' Workshop, Inc., 477 Park Ave., N. Y. C., PLaza 9-6239; Trudy Gauth; Shorts for rental.
- Christian Films, 625 N. Mansfield, Hollywood, Yo 1783; Rev. H. K. Rasboch.
- Chasit & Weber, 6130 Selma Ave., Hollywood, Hu. 2-1439; Frank Christl.
- Churchill-Wexler Film Prod., 3734 Sunset Blvd., Hollywood, Hempstead 7970; Robert Churchill, Films to order.
- Cinecraft Prod., Inc., 2515 Franklin Ave., Cleveland, Superior 2300; Ray Cutley, Films to order.
- Cineeffects, Inc., 1600 Broadway, N. Y. C., Circle 6-0951; Nathan Sobel, Films, effects to order.
- Cinema Authors & Artists Agency, 9130 Sunset Blvd., L. A., Crestview 6-6241; Marvin L. Saltzman, Films, effects to order.
- Cinemat, Inc., 101 Park Ave., N. Y. C., Murray Hill 4-1562; Varian Fry, Films, Newsreels to order.
- Cine-Pro Corp., 100 West End Ave., N. Y. C., TRAlfalga 3-1411; Joseph Selden, Films to order, Equipment.
- Cineque Laboratories, Inc. (Photosound Studios, Inc.), 124 E. 89th St., N. Y. C.; Sam Marcus, Oscar Pagein, 24 Hr. processing 16 mm. film & 35 mm. black & white & color film; Special 2 to 1 hr. Service.
- Cinetel, 651 Madison Ave., N. Y. C., TEmple 8-7025; I. P. Salls, Producers of 16 mm. film programs, spot commercials, animation for TV.
- Clampett Cartoons, 134 N. Detroit, L. A., Wa. 9924; W. A. 9924; Bob Clampett.
- Daniel B. Clark, 9110 Lacke Elton Circle, Los Angeles, Cr. 6-8171.
- Geo. W. Colburn Lab., Inc., 164 N. Wacker Dr., Chicago, State 2-7316; John E. Colburn, Films to order, Equipment.
- Colonial Films, 1908 Eye St., N. W., Wash., D. C., National 0430; H. L. Cassiter, Films, newsreels to order.
- Commonwealth Film & Telev., Inc., 729 Seventh Ave., N. Y. C., Circle 5-6456; Jerome Hyams, Films to order, rentals.
- Continental Pictures Inc., 6036 Hollywood Blvd., Hollywood, Gr. 3346; J. Kendis.
- Coreoran Productions, Inc., 654 Madison Ave., N. Y. C., Templeton 8-6900; L. M. Coreoran, Films to order.
- Crosby & Fogle, 6365 Selma Ave., Hollywood, Gr. 3171; George L. Fogle.
- Connectix Productions, 1566 No. Gordon Ave., Hollywood, Gramic 5920; Jerry Gourneva.
- Cruzer-Radio & Telev. Prod., 5800 Carlson Way, Hollywood, Hampslead 8254; Paul Cruzer, Films to order, rentals.
- Crystal Pictures, Inc., 1564 Broadway, N. Y. C., PLaza 7-5130; Melvin M. Hush, Films to order, rentals.
- C. S. F. Productions, 153 S. Spaulding, Beverly Hills, Cal., crestview 6-9020; Sid Fields, Frank Caldwell.
- Defense Film Corp., 1040 N. Las Palmas, Hollywood Granite 3111; Herbert L. Brossman, Entertainment films to order.
- D. Frenes & Co., 1909 Buttonwood St., Philadelphia, Rittenhouse 6-5928; Joseph DeFrenes, Films to order, rentals.
- DeBridge & Correll, 301 Fox Theater Bldg., Detroit, Cherry 6990; Sam Arnold, Films to order.
- Joseph DePhone Studio, 1018 Commonwealth Ave., Boston Longwood 6-1499; Joseph DePhone, Films to order, rentals.
- Louis deRocheumont Assn., Inc., 35 W. 45th St., N. Y. C.,
- L. Uvemberg 2-1940, Louis deRocheumont, Films to order.
- The Distributors Group, 756 W. Peachtree St., N. W., Atlanta, Ga., Atwood 1661; W. Wells Alexander, Films to order, rentals.
- Wm. B. Dolph Radio & Telev. Prod., 910 15th St., N. W., Washington D. C., District 2717; Wm. H. Dolph, Washington films on assignment.
- D. P. M. Productions, Inc., 55 W. 45th St., N. Y. C., CHickerlog 4-8421; Dorothy P. Mainsby, Films to order, European footage.
- Sherman H. Dryer Productions, 37 W. 58th St., N. Y. C., PLaza 5-5998; Wm. H. Goody, Films to order.
- Dudley Pictures Corp., 2908 Santa Monica Blvd., L. A., Crestview 1-7358; Carl Dudley, Films to order, rentals.
- DuMont Television Network, 515 Madison Ave., N. Y. C., MURray Hill 8-2600; Lawrence Phillips, Kinescoped films of live shows.
- Cal Dunn Studios, 104 S. Michigan Ave., Chicago, State 0247; Cal Dunn, Cartoons, films to order.
- Eastern Studios, 3460 32nd St., Astoria, N. Y., RAYcoswood 6-4787; R. V. Pollock, TV Film producers.
- Eclipse Productions, 834 N. Highland, Hollywood, Highland 8197; Leslie Urbach, Films to order.
- Steve Ellis Productions, 2623 Laurel Canyon Blvd., Hollywood, Hu. 2-4741; Steve Ellis.
- Encyclopedia Britannica Films, 1150 Wilmette Ave., Wilmette, Ill., Wilmette 6404; F. S. Calber, Educational Films for rental.
- Endorsements, Inc., 299 Madison Ave., N. Y. C., MURray Hill 7-9054; H. F. McCabe, Films for advertising agencies.
- Engelman Visual Education Serv., 4754 Woodward Ave., Detroit Temple 1-5972; Wm. D. Engelman, Films to order, rentals.
- Equity Film Exchanges, Inc., 341 W. 44th St., N. Y. C., Circle 6-8546; Myron Mills, Films for rental, Newsreels.
- Excelsior Pictures Corp., 723 Seventh Ave., N. Y. C., CHerry 5-6137; Walter Bibb, Films for rental, newsreels.
- Jerry Fairbanks, Inc., 6052 Sunset Blvd., Hollywood, Hudson 2-1101; Jerry Fairbanks, Glenn E. Miller, Films to order.
- Fair Deal Motion Picture Service, 2040 Chatterbox Ave., N. Y. C., TAlmadre 9-6728; Louis Colson, Films to order, rentals.
- Federated Television Films, Inc., Hal Roach Studios, Culver City, Cal., Te 0-2761; Hal Roach, Jr.

Television Film Producers

- Paul J. Fennell Co., 1150 N. Highland, Hollywood, Gl. 1657; John E. Burks.
- Film Devices, Inc., 13 E. 37th St., N. Y. C., Murray Hill 9-4175; Leo R. Draftfeld, Industrial shorts for rental.
- Filmeffects of Hollywood, 1153 N. Highland Ave., Hollywood Hollywood 5808; Gilbert R. Scott, Special effects and sequences.
- Film Equities Corp., 1600 Broadway, N. Y. C., Circle 7-5850; Jay Williams, Films to order, rentals.
- Film Productions Co., 3650 Fremont Ave., N. Minneapolis, Aldrich 1202; Roy A. Clapp, Films to order.
- Film Program Service, 1173 Sixth Ave., N. Y. C., Longacre 4-8340; Jules Schwerin, Films to order, rentals.
- Film Publishers, Inc., 25 Broad St., N. Y. C., HANover 2-0100; Sherman Price, Films to order, rentals.
- Film Studios of Chicago, 135 S. LaSalle St., Chicago, Central 8147; F. A. Spanuth, Films to order, rentals.
- Films for Industry Inc., 135 W. 52nd St., N. Y. C., PLaza 3-2800; Hyman Chesler, Films to order, rentals.
- Films of the Nations, Inc., 55 W. 45th St., N. Y. C., CHickering 4-8420, Educational shorts for rental.
- Films Unlimited, c/o Coulter & Gray, 9538 Brighton Way, Beverly Hills, Calif., Crestview 6-2085.
- Finley Transcriptions, Inc., 8983 Sunset Blvd., Hollywood, Bradshaw 2-2711; Larry Finley, Films to order.
- Ben Finney Productions, 8822 Wash., Blvd., Culver City, Cal., Texas 0-2761; Ben Finney, Commercial films to order.
- Five Star Productions, 6526 Sunset Blvd., Hollywood, Hollywood 5280; Harry W. McMahan, Films to order, rentals.
- Flory Films, Inc., 303 E. 71st St., N. Y. C., REgent 4-0826; Morris Cooper, Commercial, educational and documentary films. Full editing room facilities, tape recording.
- Fotosound Studios, Inc., 20 E. 42nd St., N. Y. C., MURray Hill 7-0463; Evan J. Anton, Films to order, rentals.
- Fountain Productions, Inc., 779 El Medio, Pac. Palisades, Cal., Orestview 6-9626; Sidney Fields, Films to order.
- Fox Moviezone News, 460 W. 54th St., N. Y. C., COlumbus 5-7200; Edmund H. Reek, Newsreel films.
- Franklin Productions, 10511 Tennessee Ave., W. Los Angeles, Ar. 3-3139; J. J. Franklin.
- Gainsborough Associates, 234 W. 44th St., N. Y. C., CHickering 4-5141.
- Gamble Productions, Inc., 341 W. 47th St., N. Y. C., Circle 6-5952; Bud Gamble, Films to order.
- General Film Prod. Corp., 1600 Broadway, N. Y. C., Circle 6-6441; Elbert S. Kaph, Films to order, rentals.
- General Television Enterprises, Inc., 1117 Guaranty Bldg., Hollywood, Gladstone 4-4146; Gordon Levoy, Distributors motion pictures for TV.
- John E. Gibbs & Co., 9 Rockefeller Plaza, N. Y. C., COlumbus 5-4888; John Gibbs, Films to order, rentals.
- Gibraltar Pictures, Inc., 1041 N. Formosa Ave., Hollywood, Gl. 5111; Albert Rogell.
- Globe 16 mm. Pictures, 5625 Sunset Blvd., Hollywood, Granite 7573; Robert B. Oppen, Films to order.
- Ogden Goebel, 9421 Wilshire Blvd., Los Angeles, Hollywood 5111.
- Jack Goetz, 245 W. 85th St., N. Y. C., Circle 7-1920; Jack Goetz, Films to order, rentals.
- Martin A. Gosch Prod., Inc., Savoy Plaza Hotel, N. Y. C., VOlunteer 5-2600; Martin A. Gosch, Films to order, rentals.
- Jack-O-Grani Studios, 152 W. 42nd St., N. Y. C., LOngacre 5-9255; S. Jack Solomon, Films to order, Commercial Spots.
- Marshall Grant Productions, 9155 Sunset Blvd., Hollywood, Crestview 6-1164; Marshall Grant, Films to order.
- Graphic Films Corp., 1108 Lillian Way, Hollywood, Granite 2191; Jerome S. Goldberg, Lester Novros.
- Gray-O'Reilly Studios, 480 Lexington Ave., N. Y. C., PLaza 3-1531; James E. Gray, Films to order.
- Green Associates, 360 N. Michigan Ave., Chicago, Central 5993; J. Green, Films to order, rentals.
- Grey-Richards Productions, Inc., 6525 Sunset Blvd., Hollywood, He. 1161, He. 2482.
- Guaranteed Pictures Co., Inc., 729 Seventh Ave., N. Y. C., Circle 6-6456; M. D. Sackett, Films to order, rentals.
- Guerni Enterprises, Inc., 6310 Delmar Blvd., St. Louis, Mo., Cabany 2313; C. Douglas Pidgeon, Films, newsreels to order.
- Hack Production, 535 N. Laurel Ave., Hollywood, Walnut 2068; Herman Heck, Religious Films.
- Les Hafner & Co., 112 W. 80th St., N. Y. C., TRafalgar 3-1800; Les Hafner, Feature & commercial film producers.
- Paul Hance Productions, Inc., 1776 Broadway, N. Y. C., Circle 5-9146; Paul Penee, Films to order.
- The Jam Handy Organization, 2821 E. Grand Blvd., Detroit, Mich., Madison 2450; William Murray, Producers of commercial films & spots; Industrial films, slide films, sales training programs.
- Hardcastle Films, 818 Olive St., St. Louis, Mo., Central 7620; J. H. Hardcastle, Films to order.
- Harfilms, Inc., 600 Baronne St., New Orleans, La., MAsnola 1744; A. Harrison Jr. Films to order.
- Hartley Productions, 20 W. 47th St., N. Y. C., LUxemburg 2-0158; Irving Hartley, Films to order, rentals.
- Harvard Film Service, Inc., 421 Washington St., Somerville, Mass., Eliott 4-3057; J. F. Barclay, Jr., Films to order, rentals.
- Hathen Productions 246 S. Van Pelt St., Philadelphia, Locust 7-0126; Stauley P. Hathen, Films to order, rentals.
- Hawley-Lord, Inc., 61 W. 56th St., N. Y. C., Circle 7-2444; Andre Lord, Educ. Entertainment shorts for rental.
- Hayes-Parnell Prod., Inc., 6100 Sunset Blvd., Hollywood, Hollywood 4584; Sam Hayes, Films to order, rentals.
- H. B. & K. Films for Telev. 1560 Broadway, N. Y. C., PLaza 7-0759; O. Killingsworth, Films to order.
- Leslie Helms, 932 N. La Brea, Hollywood, Granite 3174; L. Helms, Films to order, rentals.
- Hi-Ways & Bi-Ways Productions 242 S. Orange Dr., L. A., Yo 8666, Chick Collins.
- Paul Hoefler Productions, 612 1/2 S. Ridelley Dr., L. A., Whitey 9045, Paul L. Hoefler.
- Hoffberg Prod. Inc., 620 Ninth Ave., N. Y. C., Circle 8-9031; J. H. Hoffberg, Films for rental.
- Hollywood Screen Service, 3731 Potomac, L. A., Ax 3-1824; Sidney Davis, Seymour S. Klein.
- Hollywood Teletopics, 1960 N. Vermont Ave., Hollywood, Normandy 1-2810; C. Arlington, Films to order.
- West Hooker Co., 3 East 85th St., N. Y. C., REgent 7-4470; West Hooker, Films to order.
- Hopwood, Laufman, Fomund & Cross, 236 N. Clark St., Chicago, Randolph 1644; T. M. Hopwood, Films to order, rentals.
- Harry O. Hoyt Productions, 2543 Kellon Ave., Los Angeles, Br. 0-4757; Harry O. Hoyt.
- Richard W. Hubbell & Assnc., 118 E. 40th St., N. Y. C., MURray Hill 5-1000; Wanda Van Brunt, Films to order.
- Hu Chain Associates, 60 E. 42nd St., N. Y. C., MURray Hill 2-7125; Hubert V. Chain, Films to order, rentals.
- Ted Hudes Radio Prod., 17 E. 42nd St., N. Y. C., MURray Hill 9-2473; Ted Hudes, Educ. Shorts for rentals.
- Hudburg Prod., Inc., 131 E. 51st St., N. Y. C., ELdorado 5-3508; Lucile Hudburg, Fashion Films to order.

Television Film Producers

- Ideal Pictures Corp., 28 E. 8th St., Chicago, Harrison 5354; Paul R. Foght, Films to order, rentals.
- Imagining Assoc., Inc., 1030 N. McCadden Pl., Hollywood, Hollywood 8771; A. S. Kennard; Commercial films to order.
- Impro, Inc., Hal Ranch Studios, Culver City, Calif., Ve. 8-2183, ext. 99; Herbert Strook, Harlan Thompson.
- Instructional Films, Inc., 330 W. 42nd St., N. Y. C., Longacre 3-5189; Miller McClintock, Educ. films to order, rentals.
- International Film Bureau, Inc., 15 Park Row, N. Y. C., Worth 4-4887; G. M. Gates, Educ. shorts for rental.
- International Film Foundation, Inc., 1600 Broadway, N. Y. C., Circle 6-9348; Julian Bryan, Travel films for rental.
- International Geographic Pict., 1776 Broadway, N. Y. C., Circle 6-4486; J. Allen Juhet, Films to order, rentals.
- International Movie Prod. Serv., 515 Madison Ave., N. Y. C., Eldorado 5-6620; Ben Gradus, Films to order, rentals.
- International News Serv., TV Dept., 235 E. 45th St., N. Y. C., Murray Hill 2-0131; Robert H. Reid, Newsreels.
- International Radio & Tele. Features, 322 E. 55th St., N. Y. C., PLaza 6-5781; Jack Lloyd, Films to order.
- International 34 mm. Corp., 163 W. 46th St., N. Y. C., PLaza 7-2265; Patrick E. Shanahan, Films to order, rentals.
- International Tele-Film Productions, 331 Madison Ave., N. Y. C., Murray Hill 7-7305; Paul F. Moss, Films to order.
- Karel Sound Library, 410 3rd Ave., Pittsburgh, Pa., Grant 3-12; Albert G. Karel, Films to order.
- Victor Kayfetz, 431 S. Hamel Rd., Los Angeles, Crestview 6-0640; Victor Kayfetz, Films to order.
- Vernon Keays Productions, 445 Westmount Dr., Los Angeles, Crestview 6-1775; Vernon J. Keays.
- Herbert Kerkow, Inc., 480 Lexington Ave., N. Y. C., Eldorado 5-5635; Herbert Kerkow, Films to order, rentals.
- O. Klement, 9607 Olympic Blvd., Beverly Hills, Cal., Crestview 6-0369; O. Klement.
- Walter E. Kline & Associates, 8445 Melrose Ave., Hollywood, We. 6156; Fred W. Kline.
- King Studios, 601 N. Fairbanks St., Chicago, Delaware 7-0400; Jack H. Lieb, Films to order, rentals.
- Kneckerbocher Prod., Inc., 1600 Broadway, N. Y. C., Circle 6-9850; Howard A. Lesser, Films to order, rentals.
- Knowledge Builders, 625 Madison Ave., N. Y. C., Eldorado 5-2848; John R. McCrovy, Educ. shorts for rental.
- Lang Worth Feature Progs., Inc., 113 W. 37th St., N. Y. C., Circle 6-8410; C. O. Langlos, Sr., Music transcribed on film.
- Leppert - Phillips Productions, 6555 1/2 Sepulveda Blvd., Van Nuys, Cal. State 5-0900.
- Julian Lesser Programs, 9336 W. Wash., Culver City, Cal., Texas 0-2931; Julian Lesser, Films to order.
- Gene Lester Productions, 1487 N. Vine St., Hollywood, Hillside 7287; Gene Lester, Films to order.
- Libra Film Distributors & Prod., 6525 Sunset Blvd., Hollywood, Gladstone 7960; C. M. McCoy, Films to order, rentals.
- Lieb Brotman Studio, 14 W. 58th St., N. Y. C., PLaza 3-9355; Leo Lieb, Films to order.
- Robert Light Prod., Inc., Taft Bldg., Hollywood, Hudson 2-3277; Robert W. Light, Films to order.
- Lion Television Pictures Corp., 1501 Broadway, N. Y. C., Pennsylvania 6-1780; Earle W. Hammons, TV Film Producer.
- Bob Loewi Prod., Inc., 2254 E. 49th St., N. Y. C., Murray Hill 8-2600; Bob Loewi, Films to order.
- Loucka & Norling Studios, 245 W. 55th St., N. Y. C., Columbus 5-6974; A. H. Loucka, Films to order.
- Master Motion Picture Co., 50 Piedmont St., Boston, Mass., Hancock 6-3592; Maurice Master, Films to order.
- The March of Time, 369 Lexington Ave., N. Y. C., Circle 5-4499; C. W. Peacock, Films to order.
- McLarty Picture Prod., 45 Stanley St., Buffalo, N. Y., Taylor 0-832; Henry D. McLarty, Films to order.
- Meet the Americas Prods., 8820 Sunset Blvd., Hollywood, Cal.; Frank S. Leyva.
- Menzies-Finney Prods., 361 So. Canon Dr., Beverly Hills, Cal., Crestview 6-5337; Win Cameron Menzies, Ben Finney.
- Mercury Int'l Pictures, Inc., 1415 Coast, Corona del Mar, Calif., Harbor 1212; V. E. Ellsworth, Film to order, rentals.
- Michigan Film Library, 14540 Grand River Ave., Detroit, Mich., Vermont 7-3706; Alban J. Norris, Religious films to order, rentals.
- Midwest Film Studios, 1740 Greendale Ave., Chicago, Ill., Shelbake 1239; Alfred K. Levy, Films to order.
- Mini-Films Inc., 819 N. La Cienega, Los Angeles, Calif., Br. 2-3737; Sol Dolgin.
- Victoria Mix Inc., 357 S. Roxbury, Beverly Hills, Calif., Crestview 6-1276.
- Mogull's, 68 W. 48th St., N. Y. C., PLaza 7-1414; Charles Mogull, Films to order, rentals.
- Motion Picture Adv. Service Co., Inc., 1032 Carondelet St., New Orleans, La., Magnolia 4345; C. J. Mabey, Produce & distribute commercial TV films.
- Motion Picture Enterprise, 387 W. Spazier, Burbank, Calif., Charleston 6-5032; F. W. Tabourin Jr., Educational Entertainment Films.
- Motion Picture Sales, 1600 Broadway, N. Y. C., Circle 6-1648; Charles Casanova, Film distributors.
- Motion Picture Service Co., 125 Hyde St., San Francisco, Calif., Ordway 3-9162; Gerald I. Karski, Films, newsreels to order.
- Motion Picture Prod. Inc., 620 W. Superior Ave., Cleveland, O., Prospect 4900; Donald G. Jones, Films, newsreels to order.
- Movie Advertising Bureau, 50 E. 45th St., N. Y. C., Murray Hill 6-3717; H. C. Christensen, Films to order.
- Martin Murray Prod. Inc., 5746 Sunset, Hollywood, Calif., Hollywood 9022; Martin Murray, Films to order, rentals.
- Music Corp. of America, 715 Fifth Avenue, N. Y. C., PLaza 5-8909; David Werblin, Films to order, rentals.
- National Screen Service Corp., 610 Ninth Ave., N. Y. C., Circle 6-5700; Melvin L. Gold, Special trailers, effects, films.
- Nelson Prods., Inc., 341 Madison Ave., N. Y. C., Murray Hill 6-5862; Raymond E. Nelson, Feature & commercial films to order, live shows.
- News Reel Laboratory, 1733 Sanson St., Philadelphia, Rittenhouse 6-3892; Louis W. Kellman, Films to order, rentals.
- North American Video Prods., 231 W. 44th St., N. Y. C., L.Ackawanna 1-0385; Max Brown, Stanley Simmons, Charles Obermeyer, Commercial spots, TV programs on film.
- No-Art Films, Inc., 145 W. 45th St., N. Y. C., Luxembourg 2-3273; G. W. Hedwig, Film Distributors, Film program specialists.
- Official Films, Inc., 25 W. 45th St., N. Y. C., Bryant 9-1655; Irving Leos, Films to order, rentals.
- Official Television, Inc., (subsidiary of Official Films) 25 W. 45th St., N. Y. C., Luxembourg 2-1709; Irving Leos, Life and film package production, Producer's Sales Reps.
- Orion Pictures, Inc., 5319 Hollywood Blvd., Hollywood, Calif., Hi 2010; Frank C. Griffin.
- Oulman Television Prods., Inc., 19 Rector St., N. Y. C., Whitehall 4-1327; R. J. Oulman, Entertainment films to order.
- Padula Productions, 331 E. 83rd St., N. Y. C., REgent 7-8678; Edward Padula, Films to order.

. . . Television Film Producers . . .

- Paramount Video Transcriptions, 1501 Broadway, N. Y. C., BRyant 9-8700; George Shupert, Films to order.
- Paul Parry Productions, 7567 Sunset Blvd., Hollywood, Calif., GRanite 4774; Paul Parry, Films to order.
- Ray Patin Productions, 540 S. Parish Pl., Burbank, Calif., Charleston 8-1019; Ray Patin, Cartoon spot films to order.
- Photo Films, 4310 Greenbush, Van Nuys, Calif., SLate 4-3382; Willard Trumbull, Films, newsreels to order.
- Polaris Pictures Inc., 5859 W. 3rd St., Los Angeles, Calif., York 8058; J. C. Hutchinson, Films to order.
- Pick Television & Radio Prod., 366 Madison Ave., N. Y. C., Vanderbilt 6-3417; Gerard Pick, Fashion films to order.
- Pictorial Films Inc., 625 Madison Ave., N. Y. C., PLaza 5-9600; George J. Bonwick, Shorts for rental.
- Pictorial Productions, Inc., 1357 No. Gordon St., Hollywood, Calif., Hillside 3108; G. J. Altfisch, Films to order.
- Polairs Pictures, Inc., 5859 Santa Monica Blvd., Los Angeles, Calif., Yo. 8058; Perry King.
- Post Pictures Corp., 115 W. 45th St., N. Y. C., Longacre 4-7470; Harold Baumstone, Films to order, rentals.
- Press Association, Inc. (AP), 50 Rockefeller Plaza, N. Y. C., Circle 6-4111; Oliver Gramling, News & Photo Service.
- Production for Television, 250 W. 57th St., N. Y. C., Circle 6-9759; Joseph M. Seiferth, Producers of animated films for TV.
- Progressive Pictures, 6351 Thornhill Dr., Oakland, Calif., Olympic 2-0560; Ray Bairbridge, Films to order, rentals.
- Radio Television Arts Co., 3819 Wishire Blvd., Los Angeles, Calif., Exposition 9395, Ft 7520; Miss Dora Ball.
- Radiovision Corp., Box 968, Hollywood, Calif., Hillside 8208; Walter J. Nelson, Shorts for rental.
- Roland Reed Prod., Inc., 275 S. Beverly, Beverly Hills, Calif., Crestview 6-1101; Roland D. Reed, Guy Thayer, Films to order, rentals.
- Regal Television Pictures Corp., 151 W. 46th St., N. Y. C., Columbus 6-4810; Leo Seligman, Films to order, rentals.
- Regal Television Prod., 9155 Sunset Blvd., Los Angeles, Calif., Crestview 6-8500; Norman Elzer, Films to order.
- The Religious Film Assn., Inc., 45 Astor Pl., N. Y. C., Gramercy 7-2397; W. L. Rogers, Religious shorts for rental.
- Riethof Prod. Inc., 1776 Broadway, N. Y. C., PLaza 7-2199; Wm. W. Riethof, Films to order, rentals.
- RKO Pathe, Inc., 625 Madison Ave., N. Y. C., PLaza 9-3600; Jay Bonafield, Films to order.
- Hal Roach Television Corp., 882 Washington, Culver City, Calif., Vermont 8-2185, Hal E. Roach, Films to order.
- Regency Prod., Inc., 11 E. 49th St., N. Y. C., PLaza 9-3680; Joseph Schaeffer, TV shows, live and film.
- David Robbins Prod., 420 Madison Ave., N. Y. C., PLaza 9-4477; David Robbins, Films to order, rentals.
- Rockett Pictures, Inc., 6063 Sunset Blvd., Los Angeles, Calif., Granite 7131; J. H. Ebbert.
- Danny Reuzer, 2402 Cherenova, Hollywood, Calif., He. 8093.
- Ruby Film Co., 729 Seventh Ave., N. Y. C., Circle 5-5640; Edward Ruby, Films to order.
- Loren L. Ryder, 6526 Sunset Blvd., Hollywood, Calif., Granite 3651; Loren L. Ryder, Camera, recordings, handling serv.
- Sack Television Ent., 308 S. Harwood, Dallas, Tex., Riverside 6474; Alfred N. Sack, Films to order, rentals.
- Sackett Television Prod., Bankers Bldg. Phila., Pa., Kingsley 5-7055; Bernard J. Sackett, Films to order, rentals.
- Sault Television Features, 17 E. 42nd St., N. Y. C., Murray Hill 2-6770; Sidney Sault, Films to order.
- Sarra, Inc., 200 E. 56th St., N. Y. C., PLaza 3-3790; Cullen Landis, Films to order.
- Scandia Films, Inc., 220 W. 42nd St., N. Y. C., Wisconsin 7-7059; Ernest Mattson, Swedish Films to order, rentals.
- Seenech Pictures Inc., 642 Lexington Ave., N. Y. C., PLaza 8-2638; Frances C. Thayer, Films to order, rentals.
- Sentinel Prods., 5746 Sunset Blvd., Hollywood, Calif., He. 6828; E. R. Harper.
- Septa Productions, 2610 1/2 S. Western Ave., Los Angeles, Calif., Parkway 4436; Eddie Green, Films featuring negroes.
- Sesac, Inc., 475 Fifth Ave., N. Y. C., Murray Hill 5-5365; K. A. Jaodsson, Transcription library.
- Sherwood Pictures Corp., 1569 Broadway, Brooklyn, N. Y., GLEnnore 2-6192; T. Marc Sherwood, Films to order, rentals.
- Leon Sisker Pictures, 2620 Corinth Ave., Los Angeles, Calif., Ar. 3-9614; J. Leon Sisker.
- Samuel-Meservey, Inc., 321 S. Beverly Dr., Beverly Hills, Calif., Crestview 4-6156; James Warren Sever, Jr.
- Skiho Prods., Inc., 165 W. 46th St., N. Y. C., PLaza 7-2265; Patrick E. Shanahan, Films to order, rentals.
- Sam Slavik, 1640 W. 58th St., Los Angeles, Calif., Ro. 9517.
- Stephen Slesinger, Inc., 217 Park Ave., N. Y. C., ELdorado 6-2511; Stephen Slesinger, TV film producers.
- Fletcher-Smith Studios Inc., 1585 Broadway, N. Y. C., Circle 6-5280; Fletcher Smith, Films to order, rentals.
- Sono-Chrome Prods., 710 W. 173rd St., N. Y. C., WADsworth 8-7080; Nathan Zucker, Films to order, rentals.
- Sound Masters Inc., 165 W. 46th St., N. Y. C., PLaza 7-6600; H. E. Woods, Films to order, rentals.
- Sound Stages, Inc., 112 W. 89th St., N. Y. C., TRafalgar 3-1800; C. F. Vetter, Jr., 16 mm. TV equipment, studio rental.
- Stimmond Spaeth, 400 E. 58th St., N. Y. C., PLaza 7-2443; Stimmond Spaeth, Shorts for rental.
- Special Purpose Films, Inc., 16 E. 58th St., N. Y. C., PLaza 9-1792; H. W. Howard, Films to order.
- Springer Pictures Inc., 341 E. 43rd St., N. Y. C., ORegon 9-9966; Richard D. Farrell, Films to order, rentals.
- Standard Radio Trans. Serv., 360 N. Michigan Blvd., Chicago, Ill., State 3153; M. M. Blunk, Transcription library.
- Sterling Films, Inc., 61 W. 56th St., N. Y. C., Circle 7-2443; Carl King, Films to order, rentals.
- Stevco Televised Presentations Inc., 153 Fifth Ave., N. Y. C., GRamercy 3-5228; Jewel Steven, Producers of live and film feature and commercial TV Shows.
- Strickland Film Co., 141 Walton St., N. W., Atlanta, Ga., Lamar 7991; Robert B. Strickland, Films, newsreels to order.
- Ivlin Paul Sulds, Inc., 654 Madison Ave., N. Y. C., Temple 8-7025; I. P. Sulds, Producers and packaging of live TV Shows.
- John Sutherland Prods., Inc., 206 N. Occidental, Los Angeles, Calif., Pa. 2196; Ross Sutherland.
- Sun Dial Films Inc., 625 Madison Ave., N. Y. C., Murray Hill 8-1050; Samuel A. Dajlowe, Films to order, rentals.
- Swank Films, Inc., 19 W. 4th St., Dayton, Ohio, Hemlock 2379; Jerrold A. Swank, Films to order.
- Tarshis - Herbert Productions, 5916 David Ave., Los Angeles, Hb 8271; Herman Tarshis.
- Tel Air Associates, 366 Madison Ave., N. Y. C., Vanderbilt 6-3417; Mort H. Singer Jr., Films to order.
- Tele-America Inc., 170 S. Beverly, Beverly Hills, Calif., Crestview 1-0204; Thor L. Brooks, Films to order, rentals.
- Teletest Films, Inc., 145 W. 15th St., N. Y. C., Robert Wormhoudt, Films to order, rentals.
- Telecasters Programs Syndicate, 2217 Murrayville Dr., Hollywood, Hollywood 5869; Bruce Bulls & Assoc., Cooperative program syndication via film on a cost, plus basis for TV stations.
- Tele-color Films, 444 E. 58th St., N. Y. C., PLaza 3-7817; Tom Scidel, Films to order.
- Telecomics Inc., 247 Park Ave., N. Y. C., ELdorado 6-2644; John F. Howell, Animated TV film producers.

. . . Television Film Producers . . .

- Telefeatures Inc., 1386 N. Van
ness, Hollywood, Hillside 7341;
George Frank, Sam Coslow,
Films to order, rentals.
- Telefilm Inc., 6039 Hollywood
Blvd., Hollywood, Hollywood
7205; Don McNamara, Films
to order, rentals.
- Telenews Productions Inc., 1600
Broadway, N. Y. C., Circle
7-7364; John H. Tobin, Films,
newsreels to order.
- Telepak Inc., 170 So. Beverly
Dr., Beverly Hills, Cal., Robert
Longenecker, Live and film
shows for TV.
- Telepictures Inc., 247 Park Ave.,
N. Y. C., ELdorado 5-2544;
John F. Howell, TV film pro-
ducers.
- Tele-Theatre Productions, 33 W.
58th St., N. Y. C., Charles W.
Christenberry Jr., Package
programs for TV & Radio.
- Tele-Tours, 6848 Hinds, N. Hol-
lywood, Su. 2-5838, DeWitt Mc-
Cann, Irving Berlin.
- Television Adv. Prod. Inc., 360
N. Michigan Blvd., Chicago,
State 5941; Ardién B. Rodner,
Films to order, rentals.
- Television Art Enterprises, 4333
Rhodes Ave., N. Hollywood,
Sunset 3-1923; Shamus Cul-
hane, Films to order, rentals.
- Television Arts Productions, 111
Sutter, San Francisco, Cal.,
Sutter 1-4561; J. T. Ward,
Cartoon Films to order.
- Television Cartoons Inc., 361 W.
Broadway, N. Y. C., Beckman
3-7176; Robert Brotherton,
Films to order.
- Television Films of America, Box
2222, Hollywood, Hudson
2-4048; Jack Parker, Films
to order, rentals.
- Television Film Ind. Corp., 340
Third Ave., N. Y. C., LExing-
ton 2-6780; George H. Cole,
Films to order, rentals.
- Television Highlights Inc., 1697
Broadway, N. Y. C., PLaza
7-7073; Sy Weintraub, Films
to order, rentals.
- Television Motion Pictures Co.,
1650 Broadway, N. Y. C.,
Circle 6-0591; Jack Goldberg,
Films featuring Negroes.
- Television Reporter Prod., 1338
N. Laurel Ave., Hollywood,
Hillside 0016; Richard Kro-
liek, Films to order.
- Tele Visual Productions, 1313
Lafayette Bldg., Detroit,
Woodward 6-0909; H. G.
Kerbawy, Films to order,
rentals.
- Marshal Templeton Inc., 214
Ford Bldg., Detroit, Mich.,
Cadillac 6868; Marshal E.
Templeton, Films to order,
rentals.
- Mischa Terr, 454 S. Robertson,
Los Angeles, Cal., Crestview
6-7448, Crestview 1-6211.
- Toddy Pictures Co., 723 Seventh
Ave., N. Y. C., Circle 8-9446;
Ted Toddy, Films to order.
- Transfilm Inc., 35 W. 45th St.,
N. Y. C., LUXenburg 2-1400;
W. Miesegans, Films to order,
rentals.
- Transvideo Corp. of America, 2
W. 46th St., N. Y. C., LUXem-
burg 2-1280; George Lutlinger,
Films to order, rentals.
- Triangle Films, 1697 Broadway,
N. Y. C., COLUMbus 5-1403-4;
Dorothea Lee McEvoy, Films
to order.
- Tri-Video Productions Inc., 15
Central Pl. West, N. Y. C.,
PLaza 7-8638; Jack Goldstein,
Production and distribution of
TV films.
- TV Film Comp., 6039 Hollywood
Blvd., Hollywood, Hollywood
7205; R. F. Maroney, Films
to order.
- TV Films Inc., 34-60 32nd St.,
Astoria, N. Y., RAVenswood
6-4787; R. V. Pollock, Com-
mercial Films to order.
- Twentieth Century-Fox Corp., 444
W. 66th St., N. Y. C., COLUM-
bus 5-3320; Peter G. Lava-
thes, Film to order, rentals.
- Twin City Television Lab.,
Lyceum Theatre, Minneapolis,
Minn., Lincoln 4708; Joseph
H. Reek, Laboratory Training
in the television production
arts.
- United Film Service, 2449 Char-
lotte St., Kansas City 8, Mo.,
Harrison 5540; W. Hardy
Hendren Jr., Production &
distribution 35 mm. commer-
cial films.
- United Press Assn., 220 E. 42nd
St., N. Y. C., MURray Hill
2-0400; LeRoy Keller, News-
reels, news photos.
- United Prod. Of America 1133
N. Highland, Hollywood, Hill-
side 8244; Stephen Bosustow,
Films to order, rentals.
- United Productions Inc., 654
Madison Ave., N. Y. C.,
TEmpleton 8-8300; Lou Dahl-
man, Newsreels.
- United World Films Inc., 445
Park Ave., N. Y. C., PLaza
9-1200; Stephen Alexander,
Films to order, rentals.
- Unitel Inc., 1730 N. Las Palmas,
Hollywood, Hollywood 7572;
Stanley Simmons, Films to or-
der.
- Vallee-Video, 6748 Sunset Blvd.,
Hollywood, Hollywood 7381;
Rudy Vallee, Joe Parker, Films
to order.
- Variety Productions, 1345 N.
Hayworth Ave., Hollywood,
Hollywood 5433, Crestview
1-6211; Hal Gerard Frank B.
McDonald.
- Video Associates Inc., 515 Mad-
ison Ave., N. Y. C., PLaza
3-7966; Philip Brodsky, Films
to order.
- Video Varieties Corp., 41 E. 50th
St., N. Y. C., MURray Hill
8-1162; George W. Goman,
Production TV film programs,
film commercials, business,
films, slide films.
- Video Productions, 34 So. 17th
St., Philadelphia, Locust 4
4-3060; Franklin O. Pesce,
Films to order.
- Visual Art Films, 118 Ninth St.,
Pittsburgh, Pa., ATLantic 6333,
L. D'Antonio, Religious films
to order, rentals.
- Visual Arts Prod. Inc., 2 W. 40th
St., N. Y. C., LUXenburg
2-4047; Sidney Rosenbaum,
Films to order, rentals.
- Visual Specialists Inc., 444
Madison Ave., N. Y. C., PLaza
3-8730; Henry C. Gipson,
Films to order, rentals.
- Wade-Farnham Productions, 144
W. 55th St., N. Y. C., Circle
7-8707; Roger Wade-Moutlan
H. Farnham, Films to order.
- Louis Weiss & Co., 4336 Sunset
Blvd., Hollywood, Normandy
1-6883; Adrian Weiss, Films
to order, rentals.
- Welgot Trailer Service, 630
Ninth Ave., N. Y. C., Circle
6-8460; Martin Gottlieb, Films
to order.
- West Coast Sound Studio, 610 W.
57th St., N. Y. C., Circle
7-2062; Martin Henry, Full
35 mm. and 16 mm. film pro-
duction facilities; RCA sound
equipment.
- Widing Picture Prod. Inc., 1345
Argyle St., Chicago, Long
Beach 8410; C. H. Bradford
Jr., Films to order.
- Widing Pictures, 5981 Venice
Blvd., Los Angeles, We. 0183;
Al Herman.
- Willard Pictures Inc., 45 W. 45th
St., N. Y. C., LUXemburg
2-0430; John M. Squires Jr.,
Film to order.
- Willongbby Pictures Inc., Suite
600, 1800 Broadway, N. Y. C.,
Circle 6-9580, E. T. Ander-
son, Religious Films to order,
Rentals.
- Winik Films Corp., 625 Madison
Ave., N. Y. C., PLaza 3-0684;
Leslie Winik, Films to order.
- Raphael G. Wolf Studios, 1714
N. Wilton Pl., Hollywood, Gr.
6126; Raymond Rinz.
- World Broadcasting System Inc.,
501 Madison Ave., N. Y. C.,
MURray Hill 8-1700; A. B.
Sambrook, Transcription
Library.
- The World Today Inc., 150 W.
56th St., N. Y. C., Circle
5-5067; Maynard Gertler,
Producers of educational &
Commercial films for TV,
travel films to order.
- World Video Inc., 718 Madison
Ave., N. Y. C., REcent 4-6615,
Henry S. White, Films in or-
der, rentals.
- WPIX Inc. (New York Daily
News), 220 E. 42nd St.,
N. Y. C., MURray Hill 2-1234;
Robert J. Coe, Films, News-
reels for rental.
- Emerson Yorke Studio, 35 W.
45th St., N. Y. C., BRyant 9-
0091; Emerson Yorke, Films
to order, rentals.
- Young America Films Inc., 18
E. 41st St., N. Y. C., LExing-
ton 2-4111; Godfrey Elliott,
Shorts for rental.
- Harold Young Prod. Inc., 119
W. 57th St., N. Y. C., Circle 5-
8459; Harold M. Young, Films
to order, rentals.
- Youth Films, 7904 Santa Mon-
ica Blvd., Hollywood, Hi 3013;
Ray Berquist.
- Ziv Television Programs, Inc.,
501 Madison Ave., N. Y. C.,
MURray Hill 8-1700; John L.
Sinn, Films to order, rentals.

FILM — THE ET OF TELEVISION?

By JOHN L. SINN, President, Ziv Television Programs, Inc.



John L. Sinn

If we hear it once, we hear it a thousand times: "Film is to television what transcriptions are to radio." Repeated often enough, that statement augurs well to become a truism that will be accepted regardless of its accuracy. So right now, while television is young, let us examine that statement.

Commercial radio started in 1922. The first electrical transcription arrived on the radio scene circa 1932. During those intervening 10 years, live and network radio made strides which transcriptions have been many years endeavoring to overtake. And frankly, during the first 10 years of transcribed radio, the transcriptions industry did not run a very good race. Why? It was simply a case of technological advancement. During those first 10 years, transcription quality left much to be desired. So, in fact, we find that live radio had a 20-year lead over transcriptions.

Is that the situation in the case of film for television? Quite the contrary. It must be obvious to all that film is the farthest advanced. Film is the giant. Television is entering the race 20 years late. And it is probable that it will take "live" television many more years to develop the technical skills which are commonplace on film.

Therefore, it is my opinion that film is not the transcription of television. Film is, indeed, the backbone of television. And that is as it should be, for film permits creative production such as live television will probably never overtake.

The FCC Blue Book recites "Transcriptions offer to the writer, director, producer of programs the same technical advantages that the moving picture industry achieves through cutting room techniques." Those cutting room techniques are just one of the minor advantages that film offers over live television. There never was a "live" program that could not be improved by editing. And editing is a joy when you work with film.

The fluffed line, the orchestra clinker, the flat top note are easily removed from the sound track on film. And anyone who has watched three, four and frequently five sound tracks being blended into one perfect sound track by expert sound men, realizes the new vistas of production achievement available to audio because of film.

Even greater advantages are available on film as applied to the visual. Such customary optical techniques as wipes, flip-overs, etc., are tricks made easy when your television program is produced on film.

Retakes. There's a word that Hollywood has "sold" to the movie-going public. But what a joy it is to the television producer and performer to be able to retake and retake again until a perfect "take" is obtained. The movie-going public, having been spoiled by the camera perfection of Hollywood "A" pictures, is not going to be satisfied with live television obviously missing the perfection obtainable only from retakes. How about shows filmed off the kinescope? This is unquestionably a convenient device for delayed telecasts of live shows. But obviously film off the kinescope imposes on the program producer the very same restrictions that hamper him in the production of a live television show, and offers none of the advantages of genuine film production such as we know in theatrical movies.

Film off the kinescope offers no retakes, practically no editing, none of the tricks like opticals, wipes, dissolves, etc. Errors that appeared in the live broadcast remain on the film off the kinescope.

Listeners and viewers love a good show. The movies have made them completely sophisticated. They expect the perfection that they see only on capably-produced film. Therein lies the future of television.

Stations love good shows at good times on their schedules. Television film guarantees a better show . . . and permits the station to schedule the show with greater flexibility which means better programming and greater audiences.

Is film the transcription of television? I would say that programs on film are the epitome of television.

What's Wrong With Tele?

Radio and TV editors on the East Coast who are within the range of local stations and also view network programs were asked "What's Wrong With Television?" as one of the questions in the first TV editors survey conducted by the Year Book of Television. Some of their answers are printed below:

"It is following the same old radio tragedy; sponsor holding the reins, networks abandoning their responsibilities, public getting adolescent entertainment, little adult fare, and almost no intelligent public service programming. Trouble is radio and TV are still considered 'show business' and nothing more."—James S. Gratton, *Evening Gazette, Worcester, Mass.*

"Television is still groping in the dark. Tough job to compete with the mystery and imagery that can be concocted with words alone. Seeing the thing destroys all the illusion. Must be a wedding of the two. Variety shows are not the answer, unless intimate and staged in emcee's home. Variety killed vaudeville and will do the same to television."—Nick A. Kenny, *Daily Mirror, New York City.*

"Too often, it's only radio with cameras in front of it. The films are old; the prints are sometimes bad; the editing is poor. Not enough art work is used in announcements, introductions, etc., and few TV programs establish a definite mood or personality. Too many programs have that bare, studio background."—Paul Denis, *New York Post and Home News.*

"Some of the movies are too dark . . . feature films break down and you see only half the picture . . . programs are not fully and accurately listed in advance . . . If old films are necessary, run real old films. Some films and featurettes are run over and over, I've seen certain shorts five or six times."—Abe J. Greene, *Evening News, Paterson, N. J.*

"Bad camera technique. Even programs which show good TV sense (well chosen material, etc.) often lose out because camera technique doesn't show to full advantage."—Washington radio editor.

"Television reminds me of the very poor early home movies."—J. P. Stratton, *News Leader, Richmond, Va.*

"Writers, writers, writers! Budgets for shows must include premium prices for writers to attract them from other fields. Look what Hollywood has done with mediocre talent—thanks to writers. Directors are important too—obviously—but they've got to have something to work with."—Merrill Panitt, *Philadelphia Inquirer, Philadelphia, Pa.*

"Too many old movies, long and short; too many sports events—especially wrestling and boxing; too many musical and variety shows."—Harriet Van Horne, *World-Telegram, New York City.*

ABC'S VIDEO EXPANSION

By ROBERT E. KINTNER, Exec. V. P., American Broadcasting Company



R. E. Kintner

IN 1948, within six months, the American Broadcasting Company moved from a blue print stage to an important position in the television field.

During those six months we have placed in operation owned and operated television stations in New York, Chicago and Detroit; in addition, signed affiliation agreements with fifteen independently owned and operated TV stations; inaugurated regular program service to an Eastern and a Midwestern television network; acquired sites for unsurpassed TV facilities in New York and on the West Coast; and are preparing to launch two more owned and operated TV outlets on the Pacific Coast.

In its 1947 Annual Report, ABC announced that its would have on the air or under construction its own television stations in New York, Chicago, Detroit, Los Angeles and San Francisco with the next year. The network also announced that it looked toward the building of strong regional networks as the basis of a national ABC television network as cable facilities became available. And, in that report, ABC stated that it was exploring program content and techniques with a view toward placing itself in a strong position for the launching of telecasting over its own facilities.

I think that it will be evident to everyone who has followed television's progress during 1948 that we have achieved all of our objectives.

In July of 1948, ABC acquired in New York City the site for its Television Center, now in the process of completion, on a block-deep location adjacent to Central Park. There the network is presently constructing the largest television studios in the nation.

On August 10 the first of our owned and operated television stations, WJZ-TV, went on the air in New York City and within the next two months WENR-

TV, in Chicago, and WXYZ-TV, in Detroit, were placed in operation.

In October, ABC purchased from Warner Bros. the 20-acre Vitagraph motion picture lot in Hollywood as the site for its television operations in the Los Angeles region; and the network had previously purchased the Sutro mansion, in San Francisco, for reconstruction to house its television headquarters in that area. Within the first half of 1949 ABC expects to put on the air KECA-TV in Los Angeles and KGO-TV in San Francisco. All of our owned and operated TV stations will operate on Channel 7.

Plans had been laid early in 1948 for the affiliation of important television stations in major U. S. markets. These plans have become realities. We now are able, through our affiliations with key outlets in Boston, Philadelphia, Baltimore and Washington to present a solid television front in the East with a rapidly growing representation of even greater proportions in the midwest.

Our efforts to establish intercommunication between the East and Midwest will be rewarded as soon as cable facilities are completed. Meanwhile, valuable impetus has been given by ABC's new "Video Recording" system.

ABC's television programming policy, from the start of operations, has been based upon two fundamental precepts—

- (1) emphasis on diversification, so that we may satisfy the varied preferences of the greatest number of viewers, and
- (2) making valuable contributions to the development of new techniques designed to take full advantage of the almost limitless potentialities of television.

Fortified by the lessons we have learned during the past year and encouraged by the progress of this new medium as an art form, ABC hopes to play a significant role in television during 1949, a year which will certainly see millions, instead of thousands, of Americans relying upon television for a large part of its entertainment and information.

TV—BIBLIOGRAPHY



*Courtesy Frances Sprague, General Librarian,
National Broadcasting Co., Inc.*

- A BRIEF STUDY OF CURRENT TELEVISION FACILITIES, PROGRAMS, AND AUDIENCE. N. Y. Lennen & Mitchell, Inc., 1948.
- ANALYSIS OF TELEVISION SET OWNERSHIP IN NEW YORK CITY AND SUBURBS. N. Y. News. 1948.
- CORRELATION OF TROPOSPHERIC PROPAGATION MEASUREMENTS. Washington, D. C. Federal Communications Commission. 1948.
- EFFECT OF TV ON SOCIAL HABITS OF CHICAGOLAND FAMILIES, by G. R. Terry. Chicago. Northwestern Univ. School of Commerce. 1948.
- THE EFFECT OF TELEVISION ON MOTION PICTURE ATTENDANCE REPORTED BY 415 HOME SET OWNERS IN N. Y. C. N. Y. Foote, Cone & Belding. 1948.
- 4000 YEARS OF TELEVISION, by Richard W. Hubbell. N. Y. G. P. Putnam's Sons, 1942, 1949. British Empire Edition, George G. Harrap, Ltd., London, 1945.
- HERE IS TELEVISION: YOUR WINDOW TO THE WORLD, by T. H. Hutchinson. N. Y. Hastings House. 1948 ed.
- MOST-OFTEN-NEEDED F.M. AND TELEVISION SERVICING INFORMATION, by M. N. Beitman. Chicago. Supreme Publications. 1948.
- NEW TELEVISION: THE MAGIC SCREEN, by R. F. Yates. N. Y. Didier. 1948.
- RADIO AND TELEVISION LAW, by H. P. Warner. Albany, N. Y. Matthew Bender & Co. 1948.
- REPORT OF THE COMMITTEE ON TELEVISION OPERATIONS, STANDARDS AND PERSONNEL. N. Y. Television Broadcasters Assoc. 1948.
- REPORT ON TELEVISION. N. Y. Film Production Service. 1948.
- STANDARDS ON TELEVISION. METHODS OF TESTING TELEVISION RECEIVERS. N. Y. Institute of Radio Engineers. 1948.
- TV DIRECTORY NO. 5. TELEVISION RATES AND FACTBOOK. Washington, D. C. Radio News Bureau. 1948.
- TELEVISION, by M. G. Scroggie. 2nd ed. London. Blackie & Son Ltd. 1948.
- TELEVISION . . . A REPORT ON THE VISUAL BROADCASTING ART. Washington, D. C. National Association of Broadcasters. 1948.
- TELEVISION . . . A WORKING REALITY. N. Y. National Broadcasting Co. 1948.
- TELEVISION ENCYCLOPEDIA, by Stanley Kempner. N. Y. Fairchild Pub. Co. 1948.
- TELEVISION EQUIPMENT, THEORY AND OPERATION. 3rd ed. Camden, N. J. Radio Corp. of America. 1948.
- TELEVISION FOR 1948. N. Y. Grey Advertising Agency. 1948.
- TELEVISION HAS HAPPENED. N. Y. Audience Research Inc. 1948.
- TELEVISION. HOW IT WORKS, by J. F. Rider. N. Y. Rider. 1948.
- TELEVISION MANUAL. Vol. 1. by J. F. Rider. N. Y. Rider. 1948.
- TELEVISION PRODUCTION PROBLEMS, by J. F. Royal. N. Y. McGraw-Hill. 1948.
- TELEVISION PROGRAMMING AND PRODUCTION, by Richard W. Hubbell, N. Y. Murray Hill Books (Div. of Rinehart & Co.) 1945, 1946. Chapman and Hall, London.
- TELEVISION SIMPLIFIED, by M. S. Kiver. 2nd ed. N. Y. Van Nostrand. 1948.
- TELEVISION TROUBLE SHOOTING. Philadelphia. Philco Corp. 1947-48.
- TELEVISION'S EFFECTS ON THE FAMILY'S ACTIVITIES, by T. E. Coffin. Hempstead, N. Y. Hofstra College. 1948.
- UNDERSTANDING TELEVISION, by O. E. Dunlap, Jr. N. Y. Greenberg. 1948.
- UTILIZATION OF ULTRA-HIGH FREQUENCIES FOR TELEVISION. N. Y. Joint Technical Advisory Committee. 1948.
- THE VALUE OF INTRA-STORE TELEVISION AS A SALES-PROMOTION MEDIUM, N. Y. New York University Bureau of Radio Research, 1948.
- VIDEOTOWN A TELEVISION TEST COMMUNITY. N. Y. Newell-Emmett Co. 1948.
- WE ASKED THE KIDS (survey), by D. L. McFadden. Newark, N. J. Junior Programs Inc. 1948.
- WHAT ABOUT THE MOVIES? N. Y. Television Research Institute. 1948.

TV TRANSMITTER TRENDS

By HERBERT E. TAYLOR, JR., *Mgr., TV Transmitter Div., Allen B. Du Mont Laboratories, Inc.*



H. E. Taylor, Jr.

NOT too long ago the broadcasting industry found itself speculating widely on the future of television and the effect it might have on the future of standard radio broadcasting. Today little doubt remains: television is currently a good two years ahead of schedule; its patterns, potentialities and place in the home entertainment field can

be adequately appraised. Which simply means that television has arrived.

Tremendous strides have been made during the past twelve months. Television's growth is unmatched in the history of American industry. Monthly receiver production has increased some 2000 per cent over the early months of 1949, and 330 per cent over the early months of 1948. At the current rate of production, more than 2,000,000 television sets will have been produced and installed by 1950. Meanwhile, a total of 57 television broadcast stations are currently in operation. A total of 15 major market areas, representing over 30 per cent of the U. S. sales potential, are currently served by four major networks through coaxial cable or radio relay. Almost every station not on a network line receives and regularly schedules network shows by means of the new Teletranscription service.

Advertisers no longer study the advisability of television as a means of advertising and selling merchandise. Rather, full concentration is on the type of show, budget allocations, and the procurement of time on the air most suitable for the product.

And telecast time is no longer restricted to the evening hours. Daytime programming has proved that television can equal and even excel the pull of standard radio any time of day, depending of course on the type of program.

Current transmitter trends assure the possibility of television service in every marketing area of 50,000 population or more. Preconceived ideas of Hollywood

techniques, tremendous programming facilities and numerous operating personnel, have been proven erroneous as applied to the average broadcast station. Broadcasters can now think of television as a sound business venture requiring capital investments far less than the excessive figures predicted in the pioneering days of the industry.

Coaxial cable and radio relay networks preclude the necessity of extensive and costly studio and transmitting installations for other than key stations initiating the programs. A proven equipment "package" installation at a cost in the order of from \$60,000 to \$80,000 permits a broadcaster to inaugurate a television broadcast service and to meet operating expenses almost from the first month. Station personnel can be limited to five people working efficiently. This type of station will not, of course, originate many programs aside from films and slides. It will, however, provide the best in programming from a national network originating source in a major city. The effective radiated power of this station is in the order of 1.5 to 5 KW depending on the channel allocation. Increased power is attained at any future time, if required, through the addition of power amplifiers. This important factor of expanding the transmitting facilities is obtained at little cost and with no obsolescence.

Remote areas not served by a direct network line can be erected at modest cost comparable with a direct-feed network station. The development and continuing improvement of the Teletranscription has made network service feasible to these remote areas, and top-notch programming possible. The combination Teletranscription and film operation provides professional programming far superior to the average potential or local talent, although the top interest in local personalities and sports and events is not to be overlooked in the long-range planning.

The development of UHF and the establishment of standards in this frequency spectrum can be expected by the end of 1949 or the first few months of 1950. The additional channels made possible by the exploitation of ultra high frequencies will open new doors in television broadcasting.

For Complete List of Radio-TV Equipment Manufacturers See Page 1169

TOP TEN TV NEWS EVENTS

Of 1948

Below are the top ten video news stories of the past year, compiled especially for the Year Book of Television by the news chiefs of the four networks. Their selections follow:

ABC

THOMAS VELOTTA

Election Coverage
Philadelphia Conventions
Metropolitan Opera Opening
Hiss-Chambers Hearings
World Series
Truman's Return to Washington
Special Session of Congress
Louis-Walcott Fight
Kosenkina Case
UN Coverage

NBC

ADOLPH SCHNEIDER

Election Coverage
Berlin Situation—Air Lift
Republican Convention
Democratic Convention
Palestine Situation
Spy Probes
Operation of ECA
Birth of Princess Elizabeth's Baby
Death of Babe Ruth
1948 Olympics

CBS

EDMUND CHESTER

Election Coverage
Truman's Return to Washington
Philadelphia Conventions
Winter Olympics
UN Paris Meetings
Special Session of Congress
World Series
Fighting in Palestine
UN-American Activities Committee
Hearings
N. Y. Herald-Tribune Forum

DuMONT

JAMES CADDIGAN

Election Coverage
Republican Convention
Democratic Convention
Progressive Convention
Truman's Return to Washington
N. Y. Blizzard, December, 1947
Return of War Dead
Un-American Activities Committee
Hearings
Easter Parade
Kosenkina Case

For Complete List of TV Programs See Page 1082

FREQUENCY MODULATION

FM Stations In Operation

•

*Stations Listed by
States — Cities*

•

Chief Executive

•

FM Association—Personnel

**Serving the Nation's 2nd Market,
Half the Population of California!**

WITH 58,000 Watts!*



*From Transmitter atop
6000 ft. Mount Wilson.

*From Hollywood's newest
and finest FM studios.

KFMV 94.7 Megacycles



**UNION BROADCASTING
CORPORATION OF CALIFORNIA**
6540 Sunset Blvd., Hollywood 28. Calif.

Cliff Gill, *General Manager*

Dan Russell, *Program Director*

For the best in
radio news writing

AP

Available through
membership

FM Broadcast Stations In Operation As of Jan. 1, 1949

ALABAMA

City	Call Letters	Licensee	Frequency (mc)	Chief Executive
Anniston	WHMA-FM	Harry M. Ayers	100.5	Harry M. Ayers, Pres.
Bessemer	WJLD-FM	Johnston Bcstg. Co.	104.7	George Johnston, Jr., Pres.
Birmingham	WAFM-FM	Voice of Ala., Inc.	99.5	Thad Holt, Pres.
Birmingham	WSGN-FM	The Birmingham News Co.	93.7	Henry P. Johnston, Gen. Mgr.
Gadsden	WJBY-FM	Gadsden Bcstg. Co.	103.7	B. H. Hopson, Pres.
Huntsville	WHBS-FM	The Huntsville Times Co.	95.1	Richard Warner, Gen. Mgr.
Mobile	WABB-FM	Mobile Press Register, Inc.	102.1	R. B. Chandler, Pres.
Mobile	WKRQ-FM	Giddens & Rester	99.9	F. F. Busby, Gen. Mgr.
Mobile	WMOB-FM	Nunn Bcstg. Corp.	97.5	Gilmore N. Nunn, Pres.
Montgomery	WCOV-FM	G. W. Covington, Jr.	94.5	G. W. Covington, Jr., Owner
Montgomery	WMGY-FM	Dixie Bcstg. Co.	107.5	Dr. S. L. Suggs, Pres.
Montgomery	WSFA-FM	Montgomery Bcstg. Co., Inc.	103.3	Howard E. Pill, Pres.
Sylcauga	WSYO	Southeastern Bcstg. Co.	101.9	

ARKANSAS

Blytheville	KLCN-FM	Harold L. Sudbury	96.1	Harold L. Sudbury, Gen. Mgr.
Fort Smith	KFPW-FM	Southwestern Hotel Co.	94.9	J. A. England, Pres.
Fort Smith	KFSA-FM	Southwestern Pub. Co.	107.7	Donald W. Reynolds, Pres.
Jonesboro	KBTM-FM	Regional Bcstg. Co.	101.9	John E. Brown, Pres.
Siloam Springs	KUOA-FM	KUOA, Inc.	105.7	John E. Brown, Pres.

CALIFORNIA

Alameda	KONG	Times Star Pub. Co.	104.9	Abraham Kofman, Pres.
Bakersfield	KERN-FM	McClatchy Bcstg. Co.	94.1	Eleanor McClatchy, Pres.
Bakersfield	KMAR	Marmat Radio Co.	92.5	
Burbank	KWIK	Burbank Bcstrs., Inc.	94.3	James F. Furns, Pres.
Chico	KVCI-FM	Golden Empire Bcstg. Co., Inc.	101.1	Hugh McClung, Sr., Pres.
Eureka	KRED	Redwood Bcstg. Co.	96.3	William B. Smulling, Pres.
Fresno	KARM-FM	The George Harm Station	101.9	Hattie Harm, Pres.
Fresno	KRFM	Calif. Inland Bcstg. Co.	93.7	J. E. Rodman, Pres.
Hollywood	KECA-FM	American Bcstg. Co.	95.5	Clyde Scott, Gen. Mgr.
Hollywood	KFMV	Unity Bcstg. Corp.	94.7	Cliff P. Mayer, Pres.
Hollywood	KHJ-FM	Don Lee Bcstg. System	101.1	Lewis Allen Weiss, Pres.
Hollywood	KMPC-FM	Station of Stars	100.3	G. A. Richards, Owner
Long Beach	KNOB	Cerritos Bcstg. Co.	103.1	Jay E. Tapp, Gen. Mgr.
Long Beach	KRJM	John H. Poole	103.1	John H. Poole, Pres.
Los Angeles	KCLI	Connon & Collister	105.1	Earle C. Anthony, Pres.
Los Angeles	KFI-FM	Earle C. Anthony, Inc.	105.9	
Los Angeles	KKLA	Echa Pk. Evangelistic Assoc.	97.1	Dr. Ralf K. McPherson, Pres.
Los Angeles	KMGM	MGM Studios, Inc.	98.7	N. M. Schenck, Pres.
Los Angeles	KNX-FM	Columbia Bcstg. System	93.1	Frank Stanton, Pres.
Los Angeles	KRKD-FM	Radio Bcstrs., Inc.	96.3	Ned Connor, Gen. Mgr.
Los Angeles	KMYC-FM	Marysville-Yuba Bcstrs., Inc.	99.9	H. E. Thomas, Pres.
Marysville	KVME	Merced Bcstg. Co.	97.5	Hugh McClung, Pres.
Merced	KBEE	McClatchy Bcstg. Co.	103.3	Eleanor McClatchy, Pres.
Modesto	KTRB-FM	KTRB Bcstg. Co.	104.1	William H. Botes, Jr., Pres.
Modesto	KDOB-FM	Monterey Peninsula Bcstg. Co.	94.5	Paul H. Caswell, Pres.
Monterey	KLX-FM	Tribune Bldg. Co.	101.3	J. R. Knowland, Jr., Pres.
Oakland	KOCS-FM	The Daily Reporter	93.5	Jerene A. Hornish, Pres.
Ontario	KAGH-FM	KAGH, Inc.	98.3	Andrew G. Haley, Pres.
Pasadena	KVRE	Golden Empire Bcstg. Co.	103.9	Hugh McClung, Pres.
Redding	KRCC	Contra Costa Bcstg. Co.	104.5	Leo E. Owens, Pres.
Richmond	KPOR	Bcstg. Corp of America	97.5	W. L. Gleason, Pres.
Riverside	KCRA-FM	KCRA, Inc.	96.1	Ewing C. Kelly, Pres.
Sacramento	KFBK-FM	McClatchy Bcstg. Co.	96.9	Eleanor McClatchy, Pres.
Sacramento	KXOA-FM	Sacramento Bcstrs., Inc.	107.9	Lincoln Dellar, Pres.
Sacramento	KBMT	Sun Co. of San Bernardino	99.9	James A. Guthrie, Pres.
San Bernardino	KFXM-FM	Lee Bros. Bcstg. Co.	95.1	Clifford Lee, Pres.
San Bernardino	K5BR	Radio Diablo, Inc.	101.5	Orrin H. Brown, Pres.
San Bruno	KFMB-FM	Jack Gross Bcstg. Co.	101.5	Jack O. Gross, Pres.
San Diego	KFSD-FM	Airfan Radio Corp., Ltd.	94.1	Thomas E. Sharp, Pres.
San Diego	K5DO	Som Diego Bcstg. Co.	96.5	C. A. Smith, Pres.
San Diego	KWFM	Studebaker Bcstg. Co.	104.7	Fred Robell, Gen. Mgr.
San Diego	KGO-FM	American Bcstg. Co.	106.1	Gayle V. Grubb, Gen. Mgr.
San Francisco	KJBS-FM	KJBS Bcstrs.	98.9	E. P. Franklin, Gen. Mgr.

San Francisco KNBC-FM
 San Francisco KQW-FM
 San Francisco KRON-FM
 San Francisco KSGH
 San Francisco KWBR-FM
 San Jose KLQK-FM
 San Jose KRPO
 San Jose KSJO-FM
 San Luis Obispo KVEK-FM
 Santa Ana KVOE-FM
 Santa Maria KRJM
 Sausalito KDFC-FM
 Stockton KGDM-FM

National Bcstg. Co. 99.7
 Pacific Agric. Foundation 103.7
 Chronicle Pub. Co. 96.5
 Pacific Bcstg. Co. 94.9
 Warner Bros. 97.3
 Valley Bcstg. Co. 98.5
 FM Radio & Tele Corp. 92.3
 Santa Clara Bcstg. Co. 95.3
 The Valley Electric Co. 99.9
 Voice of the Orange Empire 96.7
 Santa Maria Daily Times 103.1
 Sundial Bcstg. Corp. 102.1
 E. F. Peffer 92.9

John W. Elwood, Gen. Mgr.
 Ralph R. Brunton, Pres.
 Charles Thieriot, Gen. Mgr.
 Charles A. Gibson, Pres.
 Stafford W. Warner, Pres.
 E. L. Barker, Pres.
 Patrick H. Peabody, Pres.
 Christine M. Jacobson, Pres.
 Ernest L. Spencer, Pres.
 R. C. & S. C. Hancock, Owners
 William R. Cracker, Pres.
 E. F. Peffer, Pres.

COLORADO

Denver KFEL-FM
 Denver KLZ-FM
 Denver KOA-FM

Eugene P. O'Fallon, Inc. 97.3
 KLZ Bcstg. Co. 94.1
 National Bcstg. Co. 95.7

Gene O'Fallon, Gen. Mgr.
 Hugh B. Terry, Mgr.
 Niles Trommell, Pres.

CONNECTICUT

Danbury WLAD-FM
 Greenwich WGCH
 Hartford WDRG-FM
 Hartford WHTT-FM
 Hartford WTIC-FM
 Meriden WMMW-FM
 New Britain WMMW-FM
 New Haven WAVZ-FM
 New Haven WBIB
 New Haven WEMI-FM
 New Haven WNHC-FM
 New London WNLC-FM
 Stamford WSTC-FM

Berkshire Bcstg. Corp. 93.3
 Greenwich Bcstg. Corp. 95.9
 The Conn. Bcstg. Co. 93.7
 Hartford Times, Inc. 106.1
 Travelers Bcstg. Service Corp. 96.5
 Silver City Crystal Co. 95.7
 New Britain Bcstg. Co. 103.7
 The New Haven Bcstg. Corp. 95.1
 The Colony Bcstg. Corp. 100.7
 Conn. Radio Foundation 107.9
 Elm City Bcstg. Corp. 99.1
 The Thames Bcstg. Corp. 99.5
 The Western Conn. Bcstg. Co. 96.7

Robert V. Doran, Pres.
 Walter S. Lemmon, Pres.
 Franklin M. Daolittle, Pres.
 C. Glover DeLaney, Gen. Mgr.
 Jesse W. Randall, Pres.
 Carl A. Schultz, Pres.
 Julian Gross, Pres.
 Edward S. Minor, Pres.
 Samuel Botwinik, Pres.
 Harry C. Wilder, Pres.
 Patrick J. Good, Pres.
 Gerald J. Morey, Pres.
 Kingsley Gillespie, Pres.

DELAWARE

Wilmington WAMS-FM

Wilmington Tri-State Bcstg. Co. 96.1

Frank S. Corraw, Pres.

DISTRICT OF COLUMBIA

Washington WASH
 Washington WCFM
 Washington WINX-FM
 Washington WMAL-FM
 Washington WOL-FM
 Washington WQQW-FM
 Washington WRC-FM
 Washington WWDC-FM

Commercial Radio Equip. Co. 97.1
 Cooperative Bcstg. Assn. 99.5
 WINX Bcstg. Co. 96.3
 Evening Star Bcstg. Co. 107.3
 Cowles Bcstg. Co. 98.7
 Radio Station WQQW, Inc. 103.5
 National Bcstg. Co. 96.3
 Capitol Bcstg. Co. 101.1

Everett L. Dillard, Pres.
 H. F. Kern, Gen. Mgr.
 Philip L. Graham, Pres.
 S. H. Kauffmann, Pres.
 Gardner Cowles, Pres.
 Morris Rodman, Pres.
 Niles Trommell, Pres.
 Joseph Katz, Pres.

FLORIDA

Daytona Beach WNDB-FM
 Ft. Lauderdale WGOR-FM
 Gainesville WRUF-FM
 Jacksonville WJAX-FM
 Jacksonville WJHP-FM
 Jacksonville WMBR-FM
 Miami WGBS-FM
 Miami WIOD-FM
 Miami WQAM-FM
 Miami WWPB-FM
 Miami Beach WKAT-FM
 Miami Beach WLRD
 Orlando WHOO-FM
 Palm Beach WWPG-FM
 Pensacola WCOA-FM
 St. Petersburg WTSP-FM
 Tallahassee WTAL-FM
 Tampa WDAE-FM
 Tampa WFLA-FM
 W. Palm Beach WJNO-FM

News-Journal Corp. 94.5
 Gore Pub. Co. 106.5
 U. of Florida 104.1
 City of Jacksonville 95.1
 The Metropolis Co. 96.9
 Florida Bcstg. Co. 96.1
 Fort Industry Co. 96.3
 Isle of Dreams Bcstg. Corp. 97.3
 Miami Bcstg. Co. 94.9
 Paul Broke 101.5
 WKAT, Inc. 93.1
 Mercantile Bcstg. Co. 93.9
 Orlando Daily Newspapers 96.5
 Palm Beach Bcstg. Corp. 97.9
 Pensacola Bcstg. Co. 98.9
 Pinellas Bcstg. Co. 102.5
 John H. Phipps 103.9
 Tampa Times Co. 105.7
 Tribune Co. 93.3
 WJNO, Inc. 98.7

Julian Davidson, Pres.
 J. W. Dickey, Exec. V. P.
 Maj. Garland Powell, Dir.
 George A. Pierce, Commr. in Chg.
 John H. Perry, Pres.
 Frank King, Pres.
 George B. Storer, Pres.
 Daniel J. Mahoney, Pres.
 John S. Knight, Pres.
 Paul Broke, Owner
 Frank Katzentine, Pres.
 Alan H. Rosenson, Pres.
 Martin Anderson, Pres.
 Charles E. Davis, Pres.
 John H. Perry, Pres.
 N. P. Poynter, Pres.
 John H. Phipps, Pres.
 David E. Smiley, Pres.
 C. G. Boskerville, Gen. Mgr.
 Marshall Heminway, Pres.

GEORGIA

Athens WGAU-FM
 Atlanta WAGA-FM
 Atlanta WATL-FM
 Atlanta WBGF-FM
 Atlanta WCON-FM
 Atlanta WGST-FM
 Atlanta WSB-FM
 Cedartown WGAA-FM
 Columbus WDAK-FM
 Columbus WGBA-FM
 Co'umbus WRBL-FM

J. K. Patrick & Co. 99.5
 Liberty Bcstg. Co. 103.3
 Atlanta Bcstg. Co. 97.5
 General Bcstg. Co. 95.5
 Constitution Pub. Co. 98.5
 Univ. System of Ga. 94.1
 Atlanta Journal Co. 104.5
 Northwest Ga. Bcstg. Co. 96.1
 Radio Columbus 707.9
 Ga.-Ala. Bcstg. Corp. 95.1
 Columbus Bcstg. Co. 93.3

C. A. Rowland, Pres.
 George B. Storer, Pres.
 J. W. Woodruff, Sr., Pres.
 Mike Benton, Pres.
 Clark Howell, Pres.
 F. M. Spartin, Pres.
 J. Leonard Reimsch, Mngng. Dir.
 O. C. Lam, Pres.
 Allen M. Woodall, Pres.
 A. H. Chopman, Pres.
 J. W. Woodruff, Pres.

IOWA

Burlington
Cedar Rapids
Clinton
Council Bluffs
Davenport
Des Moines
Des Moines
Des Moines
Des Moines
Dubuque
Dubuque
Fort Dodge
Keokuk
Mason City
Sioux City
Waterloo

KBUR-FM
KCRK
KROS-FM
KFMX
WOC-FM
KCBC-FM
KRNT-FM
KSO-FM
WHO-FM
KDTH-FM
WDBQ
KFMY
KOKX-FM
KGLO-FM
KSCJ-FM
KXEL-FM

Burlington Bcstg. Co. 92.9
The Gazette Co. 96.9
Clinton Bcstg. Co. 96.1
Nonpareil Bcstg. Co. 96.1
Tri-City Bcstg. Co. 103.7
Mojestic Bcstg. Co. 94.1
Cowles Bcstg. Co. 104.5
Murphy Bcstg. Co. 97.3
Central Bcstg. Co. 100.3
Telegraph-Herald 100.5
Dubuque Bcstg. Co. 103.3
Northwest Bcstg. Co. 102.7
Keokuk Bcstg. Co. 102.7
Lee Radio, Inc. 101.1
Perkins Bros. Co. 94.9
Josh Higgins Bcstg. Co. 105.7

Don T. Riley, Pres.
J. F. Hladky, Vice-Pres.
William S. Jacobsen, Pres.
Robert R. O'Brien, Pres.
Col. B. J. Palmer, Pres.
George P. E. Caesar, Jr., Pres.
Gardner Cowles, Pres.
Kingsley H. Murphy, Pres.
Col. B. J. Palmer, Pres.
F. W. Woodward, Pres.
James D. Carpenter, Pres.
Edward Breen, Pres.
H. W. Stadler, Pres.
Lee P. Loomis, Pres.
W. R. Perkins, Pres.
Joe DuMond, Pres.

KANSAS

Garden City
Hutchinson
Hutchinson
Kansas City
Topeka
Topeka
Wichita

KGAR-FM
KIMV
KWBW
KSBS
WIBW-FM
WREN-FM
KFH-FM

Albert B. Pyatt 99.3
Hutchinson Pub. Co. 105.7
Radio Station KWBW 93.1
Sunflower Bcstg. System, Inc. 105.9
Topeka Bcstg. Assn., Inc. 102.5
WREN Bcstg. Co. 94.1
Radio Station KFH Co. 100.3

Albert B. Pyatt, Pres.
John P. Horris, Pres.
William Wycs, Pres.
Harry Butler, Pres.
H. S. Blake
J. S. Major, Gen. Mgr.
Frank V. Webb, Gen. Mgr.

KENTUCKY

Ashland
Bowling Green
Henderson
Hopkinsville
Louisville
Louisville
Louisville
Owensboro
Owensboro
Paducah
Paducah

WCMJ-FM
WBON
WSON-FM
WHOP-FM
WBOX
WHAS-FM
WRXW
OWENS-FM
WVJZ-FM
WYCY
WPDA-FM

Ashland Bcstg. Co. 93.7
Bowling Green Co. 101.1
Henderson Bcstg. Co., Inc. 99.5
Hopkinsville Bcstg. Co., Inc. 98.7
Northside Bcstg. Corp. 100.7
WHAS, Inc. 99.7
WAVE, Inc. 95.1
Owensboro Bcstg. Co. 92.5
Owensboro On the Air, Inc. 96.1
Paducah Newspapers, Inc. 93.3
Paducah Bcstg. Co., Inc. 96.9

Gilmore N. Nunn, Pres.
Ken D. Given, Pres.
Pierce E. Lackey, Pres.
Pierce E. Lackey, Pres.
J. Porter Smith, Pres.
Barry Bingham, Pres.
George W. Norton, Jr., Pres.
L. W. Hager, Pres.
Vincent J. Steele, Pres.
Edward J. Paxton, Pres.
Pierce E. Lockey, Pres.

LOUISIANA

Alexandria
Alexandria
Baton Rouge
Baton Rouge
Baton Rouge
Lafayette
Monroe
New Orleans
New Orleans
New Orleans
New Orleans
New Orleans
Shreveport

KALB-FM
KPDR-FM
WAFB-FM
WBRL
WLCS-FM
WVQL-FM
KMFM
WDSU-FM
WRCM
WSMB-FM
WTSP-FM
WWLH
KWKH-FM

Alexandria Bcstg. Co., Inc. 96.9
Central La. Bcstg. Corp. 99.7
Modern Bcstg. Co. 104.3
Baton Rouge Bcstg. Co., Inc. 98.1
Airwaves, Inc. 101.1
Evangeline Bcstg. Co. 96.1
Liner's Bcstg. Co., Inc. 104.1
Stephens Bcstg. Co. 105.3
Supreme Bcstg. Co., Inc. 97.1
WSMB, Inc. 102.7
Times Picayune 95.7
Loyola University 100.3
International Bcstg. Corp. 94.5

Walter H. Allen, Pres.
E. Levy, Pres.
Louis S. Prejean, Pres.
Charles P. Manship, Jr., Pres.
Harry B. Nelson, Pres.
George H. Thamas, Pres.
J. C. Liner, Pres.
E. A. Stephens, Pres.
William Cortada, Pres.
E. V. Richards, Pres.
L. K. Nicholson, Pres.
Rev. T. J. Shields, Pres.
John D. Ewing, Pres.

MAINE

Bangor
Lewiston
Portland

WGUY-FM
WCOU-FM
WGAN-FM

Guy Gannett Bcstg. Services 93.1
Twin City Bcstg. Co. 93.9
Guy Gannett Bcstg. Services 101.9

Guy P. Gannett, Pres.
Faust Couture, Pres.
Guy P. Gannett, Pres.

MARYLAND

Annapolis
Baltimore
Baltimore
Baltimore
Baltimore
Baltimore
Baltimore Heights
Cumberland
Cumberland
Frederick
Hagerstown
Salisbury
Silver Spring
Silver Spring

WNAV-FM
WCAO-FM
WBFR-FM
WITM-FM
WMAR-FM
WMCP
WBUZ
WCUM-FM
WTBO-FM
WFMD-FM
WJEJ-FM
WBOC-FM
WGAY-FM
WHIP

Capital Bcstg. Co. 99.1
Monumental Radio Co. 102.7
Baltimore Radio Show 101.9
Maryland Bcstg. Co. 104.3
A. S. Abell Co. 97.9
Belvedere Bcstg. Co. 94.7
Chesapeake Bcstg. Co. 96.7
Tower Realty Co., Inc. 102.9
Cumberland Bcstg. Co. 106.9
Monocacy Bcstg. Co. 101.5
Hagerstown Bcstg. Co., Inc. 104.7
Peninsula Bcstg. Co. 97.5
Tri-Suburban Bcstg. Corp. 102.3
Montgomery FM Bcstg. Corp. 103.9

Alfred G. Paves, Pres.
Lewis H. Milbourne, Pres.
Robert S. Maslin, Pres.
Thomas G. Tinsley, Jr., Pres.
Paul Patterson, Pres.
Thomos F. McNulty, Pres.
Leslie L. Altmann, Pres.
Carl F. Steinmann, Pres.
Mrs. Aurelia S. Becker, Owner
Laurence Leonard, Pres.
Grover C. Crilley, Pres.
John W. Downing, Pres.
John W. Kluge, Pres.
Ann Iren Alpert, Pres.

MASSACHUSETTS

Boston
Boston
Boston

WBMS-FM
WBZ-FM
WCOP-FM

WBMS, Inc. 104.1
Mass. Bcstg. Corp. 92.9
Columbia Bcstg. System 100.7

Jack N. Berkman, Pres.
Walter Evans, Pres.
John Cowles, Pres.

FM Stations in Operation

Boston	WEEI-FM	Westinghouse Radio Stations, Inc.	103.3	Frank Stanton, Pres.
Boston	WHDH-FM	Matheson Radio Co., Inc.	94.5	Robert B. Choate, Pres.
Boston	WNAC-FM	The Yankee Network, Inc.	98.5	John Shepard, 3rd, Chm. of Bd.
Brockton	WBET-FM	Enterprise Pub. Co.	97.7	Charles A. Fuller, Gen. Mgr.
Cambridge	WXHR	Middlesex Bcstg. Corp.	96.9	Frank Lyman, Jr., Pres.
Chicopee	WACE-FM	Regional Bcstg. Co.	100.3	David Hayes, Pres.
Fall River	WCFR	Narragansett Bcstg. Co.	93.5	George L. Sisson, Jr., Pres.
Fall River	WSAR-FM	Fall River Bcstg. Co.	103.7	Melvin Lohr, Pres.
Fitchburg	WEIM-FM	WEIM Fitchburg, Inc.	104.7	Henry G. Molina, Jr., Pres.
Greenfield	WHAI-FM	John Haigis	98.3	John W. Haigis, Pres.
Haverhill	WHAV-FM	Haverhill Gazette Co.	92.5	John T. Russ, Pres.
Holyoke	WHYN-FM	Hampden-Hampshire Corp.	93.1	Charles N. DeRose, Gen. Mgr.
Lawrence	WLAW-FM	Hildreth & Rogers Co.	93.7	Irving E. Rogers, Pres.
Lowell	WLLH-FM	Merrimoc Bcstg. Co., Inc.	99.5	Gerold Harrison, Pres.
Lynn	WLYN-FM	Puritan Bcst. Service, Inc.	105.5	A. M. Morgan, Pres.
New Bedford	WBSS	Boy State Bcstg. Co.	97.3	Joseph P. Duchaine, Pres.
New Bedford	WFMR	E. Anthony & Sons, Inc.	98.1	Basil Brewer, Pres.
North Adams	WMFM	James A. Hardman	97.5	J. Gordon Keyworth, Gen. Mgr.
Pittsfield	WBEC-FM	Western Mass. Bcstg. Co.	94.3	Donald B. Miller, Pres.
Springfield	WBZA-FM	Westinghouse Radio Stations, Inc.	97.1	Walter Evans, Pres.
Springfield	WNAS-FM	WMA5, Inc.	94.7	Gerald Harrison, Pres.
Springfield	WSFL	Springfield Bcstg. Co.	101.9	Quincy A. Brackett, Pres.
Springfield	WSPR-FM	WSPR, Inc.	97.9	Basil Brewer, Pres.
West Yarmouth	WOCB-FM	E. Anthony & Sons, Inc.	94.3	John Shepard, 3rd, Chmn. of Bd.
Worcester	WGTR	Yankee Network, Inc.	99.1	E. E. Hill, Exec. Vice-Pres.
Worcester	WTAG-FM	WTAG, Inc.	96.1	

MICHIGAN

Ann Arbor	WPAG-FM	Washtenaw Bcstg. Co., Inc.	98.7	Arthur E. Greene, Pres.
Battle Creek	WELL-FM	Federated Publications, Inc.	96.1	A. L. Miller, Pres.
Bay City	WBCM-FM	Bay Bcstg. Co., Inc.	96.1	Harley D. Peet, Pres.
Benton Harbor	WHFB-FM	Palladium Pub. Co.	99.9	S. R. Banyon, Pres.
Detroit	WJBK-FM	Detroit Bcstg. Co.	93.1	George B. Storer, Pres.
Detroit	WJLB-FM	Booth Radio Stations, Inc.	97.9	John L. Booth, Pres.
Detroit	WJR-FM	WJR, The Goodwill Stations, Inc.	96.3	Horry Wismer, Gen. Mgr.
Detroit	WLDM	Lincoln Bcstg. Co.	95.5	Ellis C. Thompson, Gen. Mgr.
Detroit	WVJ-FM	Evening News Assn.	97.1	Harry Bannister, Gen. Mgr.
Detroit	WXYZ-FM	WXYZ, Inc.	101.1	James G. Riddell, Gen. Mgr.
Flint	WAJL	Advertisers Press, Inc.	107.1	Donald E. Johnson, Pres.
Grand Rapids	WFRS	Grand Rapids Bcstg. Corp.	92.5	Gerald R. Loop, Gen. Mgr.
Grand Rapids	WLAV-FM	Leonard A. Versluis	96.9	Leonard A. Versluis, Owner
Jackson	WIBM-FM	WIBM, Inc.	92.3	Herman Radner, Pres.
Mt. Clemens	WMLN	Macomb Pub. Co.	106.3	Paul W. McKec, Pres.
Muskegon	WKBZ-FM	Ashbacker Radio Corp.	106.5	Grant F. Ashbacker, Pres.
Muskegon	WMUS-FM	Greater Muskegon Bcstrs., Inc.	100.5	William C. Wester, Pres.
Owosso	WOAP-FM	Argus Press Co.	103.1	M. H. Wirth, Gen. Mgr.
Pontiac	WCAR-FM	WCAR, Inc.	99.5	H. Y. Levinson, Pres.
Port Huron	WTTH-FM	Times-Herald Co.	99.1	Louis A. Weil, Pres.
Royal Oak	WEXL-FM	Royal Oak Bcstg. Co.	104.3	George B. Hartrick, Pres.
Saginaw	WSAM-FM	Saginaw Bcstg. Co.	98.1	M. L. Greenebaum, Pres.
Wyandotte	WJJW	The Wyandotte News Co.	103.1	C. Lee Edwards, Pres.

MINNESOTA

Duluth	WEBC-FM	Head of the Lakes Bcstg. Co.	92.3	Morgan Murphy, Pres.
Mankato	KYSM-FM	Clements & Co.	103.5	Jahn F. Meagher, Gen. Mgr.
Minneapolis	KBTR	Bethesda Bcstg. Assn.	98.5	Henry B. Prince, Pres.
Minneapolis	WTGN-FM	Minn. Bcstg. Corp.	97.1	R. B. Ridder, Pres.
Rochester	KROC-FM	Southern Minn. Bcstg. Co.	94.7	Mrs. Gregory P. Gentling, Pres.
St. Cloud	KFAM-FM	Times Pub. Co.	104.7	Fred Schlipf, Pres.
St. Paul	KSTP-FM	KSTP, Inc.	102.1	Stanley E. Hubbard, Pres.
St. Paul	WMIN-FM	WMIN Bcstg. Co.	99.5	Frank E. Devaney, Gen. Mgr.
Winona	KWNO-FM	Winona Radio Service	97.5	M. H. White, Pres.

MISSISSIPPI

Greenville	WJPR-FM	Radio Services Co.	101.9	Emmet H. McMurry, Gen. Mgr.
Gulfport	WGCM-FM	WGCM Bcstg. Co.	101.5	Hugh O. Jones, Pres.
Jackson	WJDX-FM	Lomar Life Insur. Co.	102.9	Wiley P. Harris, Gen. Mgr.
Meridian	WMOX-FM	Birney Imes, Jr.	98.5	Birney Imes, Jr., Pres.

MISSOURI

Jefferson City	KWOS-FM	Capital Bcstg. Co.	98.5	R. C. Goshorn, Pres.
Joplin	WM8H-FM	Joplin Bcstg. Co.	96.1	D. J. Poynor, Pres.
Kansas City	KCFM	KCMO Bcstg. Co.	94.9	T. L. Evans, Pres.
Kansas City	KMBC-FM	Midland Bcstg. Co.	100.5	Arthur B. Church, Pres.
Kansas City	KOZY	Commercial Radio Equip. Co.	98.1	Everett L. Dillard, Pres.
Kansas City	WHB-FM	WHB Bcstg. Co.	102.1	Donald Dwight Davis, Pres.
Kennett	KBOA-FM	Kennett Bcstg. Corp.	98.9	Paul C. Jones, Pres.
Poplar Bluff	KWOC-FM	Radio Station KWOC	94.5	A. L. McCarthy, Pres.
St. Joseph	KFEQ-FM	KFEQ, Inc.	92.3	Barton Pitts, Gen. Mgr.
St. Louis	KFUO-FM	Evangelical Lutheran Synod. of Mo.	104.1	Rev. H. H. Hohenstein, Gen. Mgr.

St. Louis
St. Louis
St. Louis
St. Louis
St. Louis
St. Louis
St. Louis
Springfield

KSD-FM
KWGD
KWK-FM
KXLW-FM
KXOK-FM
WEW-FM
WIL-FM
KTTS-FM

Pulitzer Pub. Co. 96.1
Globe-Democrat Pub. Co. 98.1
Thomas Patrick, Inc. 99.1
St. Louis County Bcstg. Co. 101.1
Star Times Pub. Co. 93.7
The St. Louis University 95.1
Mo. Bcstg. Corp. 97.3
Independent Bcstg. Co. 94.7

Joseph Pulitzer, Pres.
E. Lansing Ray, Pres.
Robert T. Convey, Pres.
Guy Runnion, Pres.
Elzey Roberts, Pres.
Nicholas Pagliara, Gen. Mgr.
L. A. Benson, Pres.
J. H. G. Cooper, Pres.

NEBRASKA

Lincoln
Lincoln
Omaha
Omaha

KFAB-FM
KFOR-FM
KBON-FM
KOAD

KFAB Bcstg. Co. 97.9
Cornbelt Bcstg. Corp. 102.9
Inland Bcstg. Co. 98.7
World Pub. Co. 92.9

Fred S. Sidles, Chmn. of Bd.
James Stuart, Pres.
Paul R. Fry, Vice-Pres.
H. Doorly, Pres.

NEVADA

Las Vegas
Reno

KENO-FM
KWRN-FM

Nev. Bcstg. Co. 103.9
Reno Newspapers, Inc. 95.5

Maxwell Kelch, Owner
Merritt C. Speidel, Pres.

NEW HAMPSHIRE

Claremont
Manchester
Manchester
Nashua
Portsmouth

WTSV
WKBR-FM
WMUR-FM
WOTW-FM
WFMI

WLOB, Inc. 106.1
Granite State Bcstg. Co. 100.1
The Radio Voice of N. H., Inc. 95.7
Nashua Bcstg. Corp. 106.3
WHEB, Inc. 107.3

William Barkley, Pres.
Francis P. Murphy, Pres.
Arthur A. Newcomb, Pres.
Charles M. Dale, Pres.

NEW JERSEY

Alpine
Asbury Park
Asbury Park
Atlantic City
Atlantic City
Bridgeton
Jersey City
Newark
New Brunswick
New Brunswick
Trenton
Paterson
Plainfield

WFMN
WCAP-FM
WJLK
WBAB-FM
WFGF-FM
WSNJ-FM
WFMO
WAAT-FM
WCTC-FM
WDHN
WTOA
WWDX
WXNJ

Edwin H. Armstrong 93.1
Radio Industries Bcstg. Co. 107.1
Asbury Park Press, Inc. 94.3
Press-Union Pub. Co. 100.7
Neptune Bcstg. Corp. 98.5
Eastern States Bcstg. Corp. 98.9
Fidelity Media Bcstg. Corp. 103.1
Bremer Bcstg. Corp. 94.7
Chanticleer Bcstg. Co. 98.3
Home News Pub. Co. 93.5
Mercer Bcstg. Co. 97.5
The Passaic Daily News 107.1
WXNJ, Inc. 103.9

Dr. Edwin H. Armstrong, Owner
Walter W. Reid, Jr., Pres.
Wayne D. McMurray, Pres.
Albert J. Feyl, Pres.
John H. Laux, Pres.
Sen. Elmer W. Wene, Pres.
Lewis King, Gen. Mgr.
Irving R. Rosenhaus, Pres.
James L. Howe, Pres.
Elmer B. Boyd, Pres.
Jerome P. McCarthy, Gen. Mgr.
Arthur Mundorff, Gen. Mgr.
Harold O. Bishop, Pres.

NEW YORK

Albany
Albany
Binghamton
Buffalo
Buffalo
Buffalo
Buffalo
Cherry Valley
Corning
Cortland
De Ruyter
Elmira
Endicott
Hempstead
Highmarket
Hornell
Ithaca
Ithaca
Jamestown
Lockport
Massena
New Rochelle
New York
New York
New York
New York
New York
New York
New York
New York
New York
New York
Niagara Falls
Ogdensburg
Oneonta
Oswego
Poughkeepsie
Rochester
Rochester
Rochester
Schenectady

WROW-FM
WRWR
WNB-FM
WBEN-FM
WBNY-FM
WEBR-FM
WWOL-FM
WVCV
WKNP
WKRT-FM
WVCN
WENY-FM
WENE-FM
WHLI-FM
WVBC
WVHG
WHCU-FM
WVFC
WJTN-FM
WUSJ
WMSA-FM
WGNR
WABF-FM
WCBS-FM
WGHF
WGYN
WJZ-FM
WMGM-FM
WNBC-FM
WNYC-FM
WOR-FM
WQXR-FM
WHLD-FM
WSLB-FM
WDOS-FM
WOPT
WHVA
WHFC-FM
WRNY-FM
WHFM
WBCA

Hudson Valley Bcstg. Co., Inc. 93.9
Champlain Valley Bcstg. Corp. 95.5
Clark Assoc., Inc. 100.5
WBEN, Inc. 106.5
Roy L. Albertson 92.9
WEBR, Inc. 96.9
Greater Erie Bcstg. Co. 104.1
Rural Radio Network, Inc. 109.9
Corning Leader, Inc. 106.1
Cortland Bcstg. Co., Inc. 99.9
Rural Radio Network, Inc. 105.1
Elmira Star-Gazette, Inc. 106.9
Empire Newspapers-Radio, Inc. 101.7
FM Bcstg. Corp. 98.3
Rural Radio Network, Inc. 107.7
The W. H. Greenhow Co. 105.3
Cornell University 97.3
Rural Radio Network, Inc. 95.1
James Bcstg. Co., Inc. 93.3
Lockport Union-Sun & Journal, Inc. 99.3
The Brockway Co. 105.3
New Rochelle Bcstg. Svc., Inc. 93.5
Metropolitan Bcstg. & TV, Inc. 101.1
Columbia Bcstg. System 101.9
WGHF, Inc. 101.9
WGYN, Inc. 97.9
American Bcstg. Co., Inc. 95.5
Marcus Loew Booking Agcy. 100.3
National Bcstg. Co., Inc. 97.1
City of N. Y. Municipal Bcstg. Sys. 93.9
Bamberger Bcstg. Svc., Inc. 98.7
Interstate Bcstg. Co., Inc. 96.3
The Niagara Falls Gazette-Pub. Co. 98.5
St. Lawrence Bcstg. Corp. 106.1
Oneonta Star, Inc. 99.1
Palladium-Times, Inc. 104.7
Poughkeepsie Newspapers, Inc. 104.7
WHEC, Inc. 96.5
Monroe Bcstg. Co., Inc. 97.9
Stromberg-Carlson Co. 98.9
Capitol Bcstg. Co., Inc. 101.1

Dr. John J. Quinlan, Pres.
Stephen R. Rintoul, Pres.
John C. Clark, Sr., Pres.
Edward H. Butler, Pres.
Roy L. Albertson, Pres.
Cy King, Gen. Mgr.
Leon Wyszatycki, Pres.
R. Bruce Gervan, Gen. Mgr.
W. A. Underhill, Pres.
J. Gerald Mayer, Pres.
R. Bruce Gervan, Gen. Mgr.
Dale Taylor, Gen. Mgr.
James H. Ottoway, Pres.
Elias I. Gadofsky, Sta. Mgr.
R. Bruce Gervan, Gen. Mgr.
Louis G. Buisch, Gen. Mgr.
Michael R. Hanna, Gen. Mgr.
R. Bruce Gervan, Gen. Mgr.
Jay E. Mason, Pres.
Egbert D. Corson, Pres.
Harold B. Johnson, Pres.
Ira A. Hirschmann, Pres.
Frank Stanton, Pres.
William G. H. Finch, Pres.
Palmer K. Leberman, Pres.
Edward J. Noble, Bd. Chmn.
Herbert L. Pettey, Exec. Dir.
Niles Trammell, Pres.
Seymour N. Siegel, Gen. Mgr.
Theodore C. Streibert, Pres.
John V. L. Hogan, Pres.
Earl C. Hull, Vice-Pres.
Joseph R. Brandy, Pres.
James H. Ottoway, Pres.
Edwin M. Waterbury, Owner
M. C. Speidel, Pres.
Frank E. Gannett, Pres.
George B. Kelly, Pres.
Dr. R. H. Manson, Pres.
Leonard L. Asch, Pres.

FM Stations in Operation

Schenectady	WGFM	General Electric Co.	99.5	R. S. Peare, Vice-Pres.
South Bristol	WVBT	Rural Radio Network, Inc.	101.9	R. Bruce Gervan, Gen. Mgr.
Syracuse	WAGE-FM	WAGE, Inc.	98.5	Frank G. Revoir, Pres.
Syracuse	WFBL-FM	Ondandaga Radio Bcstg. Corp.	93.1	O. F. Soule, Pres.
Syracuse	WNDR-FM	Syracuse Bcstg. Corp.	102.5	Frank Bahouth, Jr., Gen. Mgr.
Syracuse	WSYR-FM	Central N. Y. Bcstg. Corp.	94.5	H. C. Wilder, Pres.
Troy	WFLY	The Troy Record Co.	92.3	Frank L. York, Gen. Mgr.
Troy	WTRI	Troy Bcstg. Co., Inc.	102.7	H. C. Wilder, Pres.
Utica	WIBX-FM	WIBX, Inc.	96.9	Margaret P. Brown, Pres.
Utica-Rome	WRUN-FM	Rome Sentinel Co.	105.7	Bradley C. Barnard, Pres.
Watertown	WWNY-FM	The Brockway Co.	100.5	Harold B. Johnson, Pres.
Wethersfield	WFNF	Rural Radio Network, Inc.	100.7	R. Bruce Gervan, Gen. Mgr.
White Plains	WFAS-FM	Westchester Bcstg. Corp.	103.9	V. E. Mocy, Jr., Pres.

NORTH CAROLINA

Asheville	WISE-FM	Radio Station WISE, Inc.	102.5	H. H. Thomas, Pres.
Asheville	WLOS-FM	Skyway Bcstg. Corp.	104.3	Charles B. Britt, Vice-Pres.
Burlington	WBBB-FM	Avamance Bcstg. Co., Inc.	101.1	E. Z. Jones, Gen. Mgr.
Burlington	WFNS-FM	Burlington-Graham Bcstg. Co.	93.9	E. C. Chulls, Gen. Mgr.
Charlotte	WAYS-FM	Intercity Adv. Co.	107.7	G. W. Dowdy, Pres.
Charlotte	WBT-FM	Jefferson Standonrd Bcstg. Co.	99.9	J. M. Bryon, Pres.
Charlotte	WIST	Surety Bcstg. Co.	104.7	Francis Hipp, Pres.
Charlotte	WMIT	Radio WMIT	106.9	Gordon Gray, Pres.
Charlotte	WSOC-FM	Radio Station WSOC, Inc.	103.5	E. J. Gluck, Pres.
Durham	WDNC-FM	Durham Radio Corp.	105.1	C. C. Council, Pres.
Fayetteville	WFNC-FM	Cape Fear Bcstg. Co.	98.1	Victor W. Dawson, Gen. Mgr.
Gastonia	WGNC-FM	F. C. Todd	101.9	F. C. Todd, Pres.
Goldsboro	WGBR-FM	Eastern Carolina Bcstg. Co., Inc.	93.3	A. T. Hawkins, Pres.
Greensboro	WCTP	Capitol Bcstg. Co.	98.7	Gaines Kelley, Gen. Mgr.
Greensboro	WFMY	Greensboro News Co.	97.3	Ralph M. Lambeth, Pres.
Greensboro	WGBG-FM	Greensboro Bcstg. Co., Inc.	100.3	S. S. Stevenson, Pres.
Henderson	WFNC-FM	Henderson Radio Corp.	107.3	Carl V. Cline, Pres.
Hickory	WHKY-FM	Catawba Valley Bcstg. Co., Inc.	102.9	R. B. Terry, Pres.
High Point	WHPE-FM	High Point Enterprise, Inc.	95.5	Frank S. Lambeth, Pres.
High Point	WMFR-FM	Radio Station WMFR	99.5	Joseph Daniels, Jr., Pres.
Raleigh	WNAO-FM	News & Observer Pub. Co.	96.1	A. J. Fletcher, Pres.
Raleigh	WRAL-FM	Capitol Bcstg. Co., Inc.	101.5	Charles H. Slate, Gen. Mgr.
Reidsville	WREY	C. R. & W. M. Oliver	102.1	S. E. Crew, Pres.
Roanoke Rapids	WCBT-FM	Radio Station WCBT, Inc.	98.5	Josh L. Horne, Pres.
Rocky Mount	WCEC-FM	Josh L. Horne, Jr.	100.7	W. A. Wynne, Pres.
Rocky Mount	WEED-FM	W. A. Wynne	92.1	Bryce P. Beard, Pres.
Salisbury	WSTP-FM	Piedmont Bcstg. Corp.	105.5	Lee B. Weathers, Pres.
Shelby	WTFP-FM	Western Carolina Radio Corp.	96.1	Dr. James W. Davis, Pres.
Statesville	WSIC-FM	Statesville Bcstg. Co., Inc.	105.7	Richard Austin Dunlea, Pres.
Wilmington	WMFD-FM	Richard Austin Dunlea	96.3	Penn Thomas Watson, Pres.
Wilson	WGTM-FM	Penn Thomas Watson	106.7	George D. Walker, Gen. Mgr.
Winston-Salem	WAIR-FM	WAIR Bcstg. Co.	93.1	Gordon Gray, Pres.
Winston-Salem	WSJS-FM	Piedmont Pub. Co.	104.1	

NORTH DAKOTA

Forgo	KVNJ-FM	Northwest Bcstg. Co., Inc.	92.3	John Nystul, Pres.
-------	---------	----------------------------	------	--------------------

OHIO

Akron	WAKR-FM	Summit Radio Corp.	97.5	S. Bernard Berk, Pres.
Alliance	WFAH	Review Pub. Co.	101.7	Mrs. Alice C. Holles, Pres.
Ashland	WATG	Beer & Koehl	101.3	Robert M. Beer, Pres.
Belloire	WTRF-FM	Tri-City Bcstg. Co.	100.5	Robert W. Ferguson, Gen. Mgr.
Canton	WAND-FM	Radio Station WAND	92.5	P. C. Wilson, Pres.
Canton	WCMW-FM	Stark Bcstg. Corp.	94.9	Merlin R. Schneider, Pres.
Canton	WHBC-FM	The Ohio Bcstg. Co.	94.1	Eugene Carr, Radio Dir.
Cincinnati	WCTS	Radio Cincinnati	101.9	Hubert Taft, Jr., Pres.
Cincinnati	WLWA	Crosley Bcstg. Corp.	101.1	James D. Shouse, Pres.
Cincinnati	WSAI-FM	Buckeye Bcstg. Co.	102.7	Marshall Field, Pres.
Cleveland	WEWS-FM	Scripps-Howard Radio, Inc.	102.1	Jack Howard, Pres.
Cleveland	WKK-FM	United Bcstg. Co.	100.7	Kenneth K. Hockathorn, Gen. Mgr.
Cleveland	WJW-FM	WJW, Inc.	104.1	William M. O'Neil, Pres.
Cleveland Heights	WSRS-FM	WSRS, Inc.	95.3	S. R. Sague, Pres.
Columbus	WCOL-FM	The Pixley's	92.3	L. A. Pixley, Partner
Columbus	WELD	Radio Ohio, Inc.	97.1	Richard S. Wolfe, Pres.
Columbus	WHKC-FM	United Bcstg. Co.	98.7	Sterling Groham, Pres.
Columbus	WVVO	Sky Way Bcstg. Corp.	94.7	Gustav Hirsch, Pres.
Dayton	WHIO-FM	Miami Valley Bcstg. Corp.	99.1	James M. Cox, Jr., Pres.
Elyria	WEOL-FM	Elyria-Lorain Bcstg. Co.	107.3	Roy W. Ammel, Pres.
Findlay	WFIN-FM	Findlay Radio Co.	100.5	Mrs. V. M. McDougle, Gen. Mgr.
Fostoria	WFOB	Seneca Radio Corp.	105.5	Forrel F. Elsea, Pres.
Fremont	WFRO	Robert F. Wolfe Co.	99.3	Robert F. Wolfe, Pres.
Hamilton	FMOH-FM	Fort Hamilton Bcstg. Co.	103.5	Robert J. Briede, Pres.
Lakewood	WLAL	United Garage & Svc. Corp.	104.9	G. E. Hamilton, Pres.
Lima	WJMA-FM	Northwestern Ohio Bcstg. Corp.	102.1	George B. Storer, Pres.
Lima	WLOK-FM	The Fort Industry Co.	103.3	Frank W. Spencer, Pres.
Newark	WCLT	Advocate Prtg. Co.	100.3	

Portsmouth
Springfield
Steubenville
Tiffin
Toledo
Wooster
Youngstown
Youngstown

WPAY-FM
WJEM
WSTV-FM
WTFM
WSPD-FM
WTRT
WWST-FM
WFMJ-FM
WKBN-FM

The Scioto Bcstg. Co. 104.1
Champion City Bcstg. Co. 103.9
The Valley Bcstg. Co. 103.5
Tiffin Bcstg. Co. 98.3
The Fort Industry Co. 101.5
Unity Corp. 99.9
Wooster Republican Prtg. Co. 104.5
WFMJ Bcstg. Co. 105.1
WKBN Bcstg. Corp. 98.9

Roy D. Moore, Pres.
D. J. Parsons, Pres.
Jack N. Berkman, Pres.
Jay R. David, Pres.
George P. Storer, Pres.
Edward Lamb, Pres.
R. E. Dix, Pres.
William F. Maag, Pres.
W. P. Williamson, Jr., Pres.

OKLAHOMA

Ardmore
Durant
Enid
Muskogee
Muskogee
Oklahoma City
Oklahoma City
Oklahoma City
Oklahoma City
Stillwater
Tulsa
Tulsa

KVSO-FM
KSEO-FM
KCRC-FM
KBIX-FM
KMUS-FM
KOCY-FM
KOMA-FM
KTOK-FM
WKY-FM
KSPIS-FM
KAKC-FM
KTUL-FM

John F. Easley 93.7
Bennett & R. R. Story 107.3
Enid Radiophone Co. 102.7
Okla. Press Pub. Co. 98.5
Muskogee Bcstg. Co. 101.5
Plaza Court Bcstg. Co. 94.7
KOMA, Inc. 105.9
KTOK, Inc. 104.3
WKY Radiophone Co. 98.9
Stillwater Pub. Co. 93.9
Public Radio Corp. 95.5
Tulsa Bcstg. Co. 97.1

John F. Easley, Pres.
Weldon Stamps, Gen. Mgr.
Mrs. M. C. Garber, Pres.
Tams Bixby, Jr., Pres.
Ben T. Childers, Pres.
John D. Thomas, Pres.
John Toole Griffin, Pres.
O. L. Taylor, Owner
E. K. Gaylord, Pres.
C. R. Bellatti, Pres.
Sam E. Avey, Pres.
John Toole Griffin, Pres.

Albany
Eugene
Grants Pass
Portland
Portland
Portland
Portland
Portland
Portland

KWIL-FM
KUGN-FM
KGPO
KEX-FM
KGW-FM
KOIN-FM
KPFM
KPOJ-FM
KPRA

Central Willamette Bcstg. Co. 101.7
Valley Bcstg. Co. 99.1
Southern Ore. Bcstg. Co. 96.9
Westinghouse Radio Stations, Inc. 92.3
The Oregonian Pub. Co. 100.3
KOIN, Inc. 101.1
Bcstrs. Ore., Ltd. 97.1
KPOJ, Inc. 98.7
Pacific Radio Adv. Svc. 95.5

W. L. Jackson, Pres.
C. H. Fisher, Pres.
W. B. Smullin, E. A. Malone, G. M.
Walter Evans, Pres.
M. J. Frey, Pres.
Marshall Field, Pres.
Stanley M. Goard, Pres.
P. L. Jackson, Pres.
Wilbur J. Jerman, Pres.

OREGON

PENNSYLVANIA

Allentown
Allentown
Allentown
Altoona
Altoona
Bethlehem
Bradford
Butler
Chambersburg
DuBois
Easton
Easton
Erie
Erie
Harrisburg
Harrisburg
Johnstown
Johnstown
Lancaster
Lancaster
Lebanon
Lebanon
Lewiston
McKeesport
Meadville
New Castle
Philadelphia
Philadelphia
Philadelphia
Philadelphia
Philadelphia
Pittsburgh
Pittsburgh
Pittsburgh
Pittsburgh
Pittsburgh
Pottsville
Pottsville
Shenandoah
Reading
Scranton
Scranton

WFMZ
WKAP-FM
WSAN-FM
WAPJ
WFBG-FM
WGPA-FM
WESB-FM
WISR-FM
WCHA-FM
WCED-FM
WEEX
WEST-FM
WERC-FM
WLEU-FM
WABX
WHP-FM
WARD-FM
WJAC-FM
WGal-FM
WLAN-FM
WLAB
WLBR-FM
WLTN
WMCK-FM
WIMGW-FM
WKST-FM
WCAU-FM
WFIL-FM
WHAT-FM
WIBG-FM
WIP-FM
WPEN-FM
KYW-FM
KDKA-FM
KQV-FM
WCAE-FM
WJAS-FM
WKJF-FM
WMOT
WPAM-FM
WPPA-FM

Penn-Allen Bcstg. Co. 95.9
Rahall Bcstg. Co. 100.7
Lehigh Valley Bcstg. Co. 99.9
Altoona Bcstg. Co. 96.5
Gable Bcstg. Co. 103.7
The Bethlehem Globe Pub. Co. 95.1
Bradford Pub., Inc. 97.5
Butler Bcstg. Co. 97.7
Chambersburg Bcstg. Co., Inc. 95.9
Tri-County Bcstg. Co., Inc. 102.1
Easton Pub. Co. 98.3
Associated Bcstrs., Inc. 107.9
Presque Isle Bcstg. Co. 99.9
WLEU Bcstg. Corp. 97.9
WABX, Inc. 100.9
WHP, Inc. 97.3
Central Bcstg. Co., Inc. 105.3
WJAC, Inc. 95.5
WGal, Inc. 101.3
Peoples Bcstg. Co. 96.9
Radio Lebanon FM & TV, Inc. 104.1
Lebanon Bcstg. Co. 100.1
Lewiston Bcstg. Co. 97.9
Mon-Yough Bcstg. Co. 104.9
Meadville Bcstg. Svc., Inc. 100.3
WKST, Inc. 101.1
WCAU, Inc. 98.1
Triangle Pub., Inc. 102.1
Independence Bcstg. Co. 105.3
Seaboard Radio Bcstg. Corp. 94.1
Penn. Bcstg. Co. 93.3
William Penn Bcstg. Co. 102.9
Westinghouse Radio Stations, Inc. 92.5
Westinghouse Radio Stations, Inc. 92.9
Allegheny Bcstg. Corp. 98.1
WCAE, Inc. 96.1
Pgh. Radio Supply House, Inc. 99.7
W. Va. Radio Corp. 93.7
WWSW, Inc. 94.5
Miners Bcstg. Svs. 95.5
Pottsville Bcstg. Co. 101.9

Raymond F. Kohn, Pres.
N. J. Rahall, Pres.
J. Calvin Shumberger, Pres.
Herbert T. Wolf, Pres.
George P. Gable, Pres.
Riland L. Adams, Vice-Pres.
Joseph M. Cleary, Gen. Mgr.
David Rosenblum, Pres.
Charles M. Cassel, Pres.
H. T. Gray, Pres.
J. L. Stackhouse, Pres.
Clair R. McCollough, Sta. Exec.
Jacob A. Young, Pres.
Leo J. Omelian, Pres.
Harold O. Bishop, Pres.
E. J. Stackpole, Pres.
Paul Short, Pres.
W. W. Krebs, Pres.
Clair R. McCollough, Pres.
F. H. Altdoerfer, Pres.
T. C. Holston, Pres.
Lester P. Etter, Mng. Dir.
J. S. Woods, Pres.
George R. Raikes, Pres.
H. C. Winslow, Pres.
S. W. Townsend, Pres.
Leon Levy, Pres.
Walter H. Annenberg, Pres.
William A. Banks, Pres.
Paul F. Harron, Pres.
Benedict Gimbel, Jr., Pres.
Albert J. Sytk, Pres.
Walter Evans, Pres.
Walter Evans, Pres.
Charles T. Campbell, Pres.
Leonard Kapner, Pres.
H. K. Brennen, Pres.
O. M. Schloss, Pres.
J. J. Curran, J. L. Maguire, Ex. Pts.
A. V. Tidmore, Owner

Hawley Bcstg. Co. 92.9
Union Bcstg. Co. 105.7
The Scranton Times 92.3
Sharon Herald Bcstg. Co. 102.9
Sunbury Bcstg. Corp. 94.1
Fayette Bcstg. Corp. 105.7
Uniontown Newspapers, Inc. 106.5

Hawley Quier, Pres.
Martin F. Memolo, Pres.
Edward J. Lynett, Jr., Elizabeth R. Lynett, Owners
John Fahline, Jr., Pres.
Harry M. Haddon, Pres.
Joseph C. Burwell, Pres.
Allan C. Spurgeon, Mgr.

Sharon
Sunbury
Uniontown
Uniontown

WPIC-FM
WKOK-FM
WMBS-FM
WN1Q

FM Stations in Operation

Warren	WNAE-FM	Northern Allegheny Bcstg. Co.	92.1	David Potter, Jr., Pres.
Wilkes-Barre	WBRE-FM	Louis G. Baltimore.	98.5	Louis G. Baltimore, Owner
Wilkes-Barre	WLB-FM	Wyoming Valley Bcstg. Co.	107.3	Dr. I. C. Morgan, Pres.
Wilkes-Barre	WIZZ	Scranton-Wilkes-Barre-Pittston Bcstg. Co., Inc.	103.3	Richard G. Evans, Pres.
Williamsport	WRAC-FM	WRAC, Inc.	100.3	E. M. Case, Pres.
York	WNOW-FM	Helm Coal Co.	105.7	Lowell W. Williams, Gen. Mgr.
York	WRZE	White Rose Bcstg. Co.	98.5	Charles M. Gitt, Pres.
York	WSBA-FM	The Susquehanna Bcstg. Co.	103.3	Louis J. Appell, Pres.

RHODE ISLAND

Providence	WJAR-FM	The Outlet Co.	95.5	Mortimer L. Burbank, Pres.
Providence	WLIV-FM	Colonial Bcstg. Co.	107.7	Augustus M. Wilson, Pres.
Providence	WPJB	Providence Journal Co.	105.1	George Pierce Metcalf, Pres.
Providence	WPRO-FM	Cherry & Webb Bcstg. Co.	92.3	William S. Cherry, Jr., Pres.

SOUTH CAROLINA

Anderson	WCAC	Wilton E. Hall.	101.1	Wilton E. Hall, Owner
Charleston	WCSC-FM	WCSC, Inc.	96.9	John M. Rivers, Pres.
Charleston	WTMA-FM	Atlantic Coast Bcstg. Co.	95.1	Edward Manigault, Pres.
Columbia	WIS-FM	Surety Life Insur. Co.	94.5	Herman N. Hipp, Pres.
Greenville	WESC-FM	Greenville Bcstg. Co.	92.5	Scott Russell, Pres.
Greenville	WFBC-FM	News-Piedmont Co.	93.7	Roger C. Peoce, Pres.
Greenville	WMCB-FM	Textile Bcstg. Co.	94.9	R. A. Jolley, Sr., Pres.
Greenwood	WCBS-FM	Greco, Inc.	95.7	Douglas Featherstone, Pres.
Rock Hill	WRHI-FM	York County Bcstg. Co.	97.5	James S. Beaty, Jr., Gen. Mgr.
Spartanburg	WDXY	Spartan Radiocasting Co.	100.5	Walter J. Brown, Pres.
Spartanburg	WSPA-FM	Spartanburg Adv. Co.	98.9	Francois Hipp, Pres.

TENNESSEE

Bristol	WOPI-FM	Radiophone Bcstg. Sta. WOPI, Inc.	96.9	W. A. Wilson, Sr., Pres.
Chattanooga	WAPO-FM	WAPO Bcstg. Svc.	94.7	R. G. Patterson, Gen. Mgr.
Chattanooga	WDDO-FM	WDDO Bcstg. Corp.	96.5	Narman A. Thomas, Pres.
Chattanooga	WYUN	Unity Bcstg. Corp. of Tenn.	98.1	John S. Martin, Pres.
Clarksville	WCLC-FM	Leaf Chronicle Co.	106.7	James E. Charlet, Gen. Mgr.
Jackson	WTJS-FM	Sun Pub. Co.	100.7	A. A. Stone, Vice-Pres.
Johnston City	WJHL-FM	WJHL, Inc.	100.7	W. H. Lancaster, Pres.
Kingsport	WKPT-FM	Kingsport Bcstg. Co., Inc.	98.5	C. P. Edwards, Jr., Pres.
Knoxville	WKPB	Knoxville Pub. Co.	93.3	Roy N. Lotspeich, Pres.
Knoxville	WROL-FM	S. E. Adcock.	97.3	S. E. Adcock, Pres.
Memphis	WHHM-FM	Mid-South Bcstg. Corp.	106.9	P. E. Furlow, Pres.
Memphis	WMCF	Memphis Pub. Co.	99.7	H. W. Slavick, Gen. Mgr.
Nashville	WSIX-FM	WSIX Bcstg. Station.	97.5	Jack M. Draughon, Gen. Mgr.
Nashville	WSM-FM	WSM, Inc.	103.3	John H. DeWitt, Jr., Pres.

TEXAS

Abilene	KRBC-FM	Reporter CBcstg. Co.	96.9	Mrs. Eva M. Hanks, Pres.
Amarillo	KGNC-FM	Plains Radio Bcstg. Co.	104.3	Gene A. Howe, Pres.
Amarillo	KFDA-FM	Amarillo Bcstg. Corp.	100.3	Gilmore N. Nunn, Pres.
Beaumont	KRIC-FM	KRIC, Inc.	99.5	E. C. Davis, Vice-Pres.
Belton	KMHB	Mary Hardin-Baylor Coll.	97.1	
Dallas	KIXL-FM	Variety Bcstg. Co., Inc.	104.5	Lee Segall, Pres.
Dallas	XRLD-FM	KRLD Radio Corp.	92.5	John W. Runyon, Pres.
Dallas	WFAA-FM	A. H. Belo Corp.	97.9	E. M. Dealey, Pres.
Dallas	KDNT-FM	Harwell V. Shepard.	106.1	Harwell V. Shepard, Gen. Mgr.
Denton	KURV-FM	J. C. Looney.	104.9	J. C. Looney, Owner
Edinburg	WBAF-FM	Carter Publications, Inc.	100.5	Amon Carter, Pres.
Fort Worth	KLUF-FM	The KLUG Bcstg. Co., Inc.	98.7	George Roy Clough, Pres.
Golveston	KGBS-FM	Harbenito Bcstg. Co.	94.7	McHenry Tichenor, Pres.
Harlingen	KOPY	Tex. Star Bcstg. Co.	97.9	Roy Hofheinz, Pres.
Houston	KPRC-FM	Houston Post Co.	102.9	W. P. Hobby, Pres.
Houston	KTRH-FM	KTRH Bcstg. Co.	101.1	B. R. Orr, Pres.
Houston	KXYZ-FM	Harris County Bcstg. Co.	96.5	Glenn H. McCarthy, Pres.
Houston	KLTI-FM	R. G. LeTourneau.	105.9	R. G. LeTourneau, Pres.
Longview	KRBA-FM	Darrell E. Yates.	95.5	Dorrell E. Yates, Pres.
Lufkin	KFYO-FM	Plains Radio Bcstg. Co.	99.5	Gene A. Howe, Pres.
Lubbock	KECK-FM	Ector County Bcstg. Co.	97.5	Ben Nedow, Pres.
Odessa	KGKL-FM	KGKL, Inc.	94.5	H. C. Ragsdale, Pres.
San Angelo	KISS	The Walmoc Co.	99.5	Howard W. Davis, Owner
San Antonio	KONO-FM	Mission Bcstg. Co.	92.9	Eugene J. Roth, Owner
San Antonio	KYFM	Express Pub. Co.	101.5	Frank G. Huntress, Pres.
San Antonio	WQAI-FM	Southland Industries, Inc.	102.5	Hugh A. L. Half, Pres.
Temple	KTEM-FM	Bell Bcstg. Co., Inc.	107.5	Frank W. Mayborn, Pres.
Texarkana	KCMC-FM	KCMC, Inc.	98.1	Frank O. Myers, Gen. Mgr.
Tyler	KGKB-FM	East Tex. Bcstg. Co.	101.5	James G. Ulmer, Pres.
Vernon	KVWC-FM	Northwestern Bcstg. Co.	98.7	R. H. Nichols, Pres.
Wichita Falls	KTRN-FM	Texomo Bcstg. Co.	97.3	James B. Barnett, Pres.
Wichita Falls	KWFT-FM	KWFT, Inc.	99.9	Kenyon Brown, Pres.

UTAH

Ogden
Salt Lake City
Salt Lake City

KOPP-FM
KDYL-FM
KSL-FM

James B. Littlejohn..... 103.9
Intermountain Bcstg. & TV Corp. 98.7
Radio Svc. Corp. of Utah..... 103.3

James B. Littlejohn, Owner
S. S. Fox, Pres.
Ivor Sharp, Gen. Mgr.

VIRGINIA

Arlington
Danville
Harrisonburg
Lynchburg
Newport News
Norfolk
Norfolk
Norfolk
Portsmouth
Richmond
Richmond
Richmond
Richmond
Roanoke
Roanoke
Roanoke
Roanoke
Suffolk
Winchester

WARL-FM
WBTM-FM
WSVA-FM
WLVA-FM
WGH-FM
WLOW-FM
WRVC
WTAR-FM
WSAP-FM
WCOB
WLEE-FM
WRMW
WRNL-FM
WRVB
WDBJ-FM
WROV-FM
WLSL-FM
WROV-FM
WLPM-FM
WRFL

Northern Va. Bcstrs., Inc..... 105.5
Piedmont Bcstg. Corp..... 97.9
Shenandoah Valley Bcstg. Corp. 100.7
Lynchburg Bcstg. Corp..... 97.5
Hampton Roads Bcstg. Corp..... 96.5
Commonwealth Bcstg. Corp..... 105.3
Larus & Bros. Co., Inc..... 102.5
WTAR Radio Corp..... 97.3
Porthmouth Radio Corp..... 99.7
Haven & Martin, Inc..... 98.1
Lee Bcstg. Corp..... 102.9
Southern Bcstrs., Inc..... 106.9
Richmond Radio Corp..... 102.1
Larus & Bros. Co., Inc..... 94.5
Times World Corp..... 94.9
Radio Roanoke, Inc..... 103.7
Roanoke Bcstg. Corp..... 99.1
Radio Roanoke, Inc..... 103.7
Suffolk Bcstg. Corp..... 107.7
Richard Field Lewis, Jr..... 92.5

R. Kilbourne Castell, Pres.
L. N. Dibrell, Pres.
Frederick L. Allman, Pres.
Edward A. Allen, Pres.
Raymond B. Bottom, Pres.
E. L. Scott, Pres.
C. T. Lucy, Gen. Mgr.
Campbell Arnoux, Pres.
T. E. Gilman, Pres.
Wilbur M. Havens, Pres.
Thomas G. Tinsley, Jr., Pres.
Richard R. Hutcheson, Pres.
D. Tennant Bryan, Pres.
C. T. Lucy, Gen. Mgr.
J. P. Fishburn, Pres.
Leo F. Haneby, Pres.
Paul C. Buford, Pres.
Leo F. Henebry, Pres.
Fred L. Hart, Pres.
Richard Field Lewis, Jr., Pres.

WASHINGTON

Longview
Seattle
Seattle
Seattle
Seattle
Tacoma

KWLK-FM
KING-FM
KIRO-FM
KOMO-FM
KRSC-FM
KTNT

Twin City Bcstg. Corp..... 103.9
King Bcstg. Co..... 94.9
Queen City Bcstg. Co..... 100.7
Fishers' Blend Station, Inc..... 98.9
Radio Sales Corp..... 98.1
Tribune Pub. Co..... 97.3

C. O. Chatterton, Pres.
Mrs. A. Scott Bullitt, Pres.
Saul Haas, Pres.
O. W. Fisher, Pres.
Palmer K. Leberman, Pres.
Leonard H. Higgins, Mgr.

WEST VIRGINIA

Beckley
Beckley
Bluefield
Clarksburg
Huntington
Huntington
Logan
Morgantown
Oak Hill
Parkersburg
Wheeling
Wheeling

WCFC
WJLS-FM
WHIS-FM
WPDJ-FM
WPLH-FM
WHTN-FM
WLOG-FM
WAJR-FM
WOAY-FM
WPAR-FM
WKWK-FM
WVVA-FM

Beckley Newspapers Corp..... 101.3
Joe L. Smith, Jr..... 99.5
Daily Telegraph Prtg. Co..... 104.5
Clarksburg Bcstg. Corp..... 95.1
Huntington Bcstg. Corp..... 102.5
Greater Huntington Radio Corp. 100.5
Clarens H. Frey, Robert O. Greever
W. Va. Radio Corp..... 99.3
Robert R. Thomas, Jr..... 94.1
Ohio Valley Bcstg. Corp..... 106.5
Community Bcstg., Co..... 97.3
W. Va. Bcstg. Corp..... 98.7

E. J. Hodel, Gen. Mgr.
J. L. Smith, Jr., Pres.
Pat Flanagan, Gen. Mgr.
O. L. Billingsley, Pres.
Flem J. Evans, Pres.
A. B. Hyman, Pres.
C. H. Frey, R. O. Greever, Owners
Mrs. A. J. R. Greer, Chief Owner
Robert R. Thomas, Jr., Owner
George H. Clinton, Vice-Pres.
Joe L. Smith, Jr., Pres.
George B. Storer, Pres.

WISCONSIN

Beloit

WBNB-FM

Daily News Pub. Co..... 107.3

Eau Claire
Green Bay
Green Bay
Janesville
La Crosse
Madison
Madison
Madison
Marshfield
Merrill
Milwaukee
Milwaukee
Milwaukee
Neenah
Oshkosh
Poynette
Racine
Rice Lake
Sheboygan
Waukesha
Wausau
Wisconsin Rapids

WEAU-FM
WJPG-FM
WTAQ-FM
WCLO-FM
WKBB-FM
WFOV
WIBA-FM
WISC-FM
WDLB-FM
WLIN-FM
WMLP-FM
WISN-FM
WMTJ-FM
WNAM-FM
WOSH-FM
WWCF
WRJN-FM
WJMC-FM
WHBL-FM
WAUX-FM
WSAU-FM
WFHR-FM

Central Bcstg. Co..... 94.1
Green Bay Newspaper Co..... 101.1
WHBY, Inc..... 102.5
Gazette Prtg. Co..... 99.9
WKBB, Inc..... 93.1
Earl W. Fessler..... 104.9
Badger Bcstg. Co..... 101.5
Radio Wisc., Inc..... 98.9
Dairyland's Bcstg. Svc., Inc..... 103.9
Alvin E. O'Konski..... 100.7
Milwaukee Bcstg. Co..... 94.1
Hearst Radio, Inc..... 102.9
The Journal Co..... 93.3
Neenah Menasha Bcstg. Co..... 98.5
Oshkosh Bcstg. Co..... 92.9
William C. Forrest..... 94.9
Racine Bcstg. Corp..... 100.7
WJMC, Inc..... 96.3
WHBL, Inc..... 100.3
Waukesha Bcstg. Co..... 95.3
The Journal Co..... 95.5
William F. Huffman Radio, Inc. 103.3

R. F. Collins, C. F. Karnstaedt,
M. H. Dobson, Owners
Morgan Murphy, Pres.
A. B. Turnbull, Pres.
Reev. M. J. Beemster, Mng. Dir.
Sidney H. Bliss, Pres.
Howard Dahl, Gen. Mgr.

William T. Evjue, Pres.
Morgan Murphy, Pres.
Lloyd A. Felker, Pres.
Alvin E. O'Konski, Pres.
Robert M. LaFollette, Jr., Pres.
G. W. Grignon, Gen. Mgr.
Walter J. Damm, Vice-Pres.
Don C. Wirth, Vice-Pres.
Myles H. Johns, Owner
William C. Forrest, Pres.
Frank R. Starbuck, Pres.
Walter C. Bridges, Pres.
Matt Werner, Pres.
Carl Taylor, Pres.
Ben F. Hovel, Mgr.
William F. Huffman, Pres.

FM ASSOCIATION

526 DUPONT CIRCLE BLDG.

WASHINGTON 6, D. C.

Telephone: Hudson 7170

Edward L. Sellers.....*Executive Director*

OFFICERS

William E. Ware.....*President* E. J. Hodel.....*Secretary*
E. Z. Jones.....*Vice-President* Thomas F. McNulty.....*Treasurer*

BOARD OF DIRECTORS

Terms Expiring in 1951

Matthew H. Bonebrake
Frank A. Gunther

Lee McCanne
Edward A. Wheeler

Robert F. Wolfe

Terms Expiring in 1950

E. J. Hodel
E. Z. Jones

Ben Strouse
David G. Taft

William E. Ware

Terms Expiring in 1949

Marion Claire
Everett L. Dillard

C. M. Jansky, Jr.
Thomas F. McNulty

M. S. (Maury) Novik

EXECUTIVE COMMITTEE

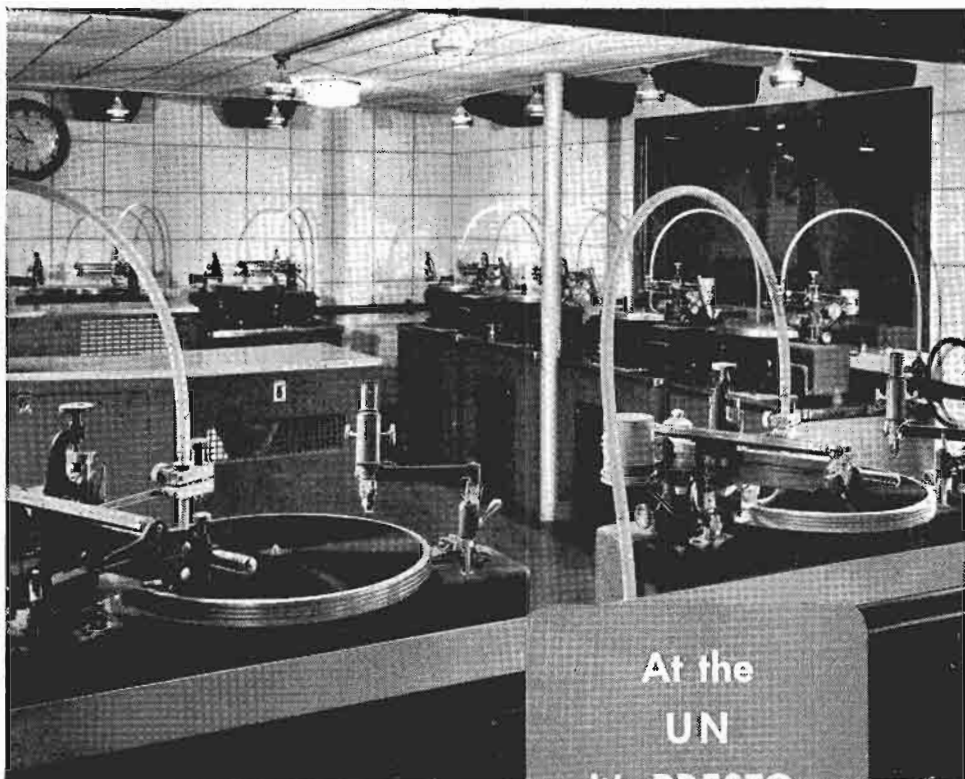
William E. Ware.....*Chairman*

Everett L. Dillard
C. M. Jansky, Jr.

Lee McCanne
Ben Strouse

COUNSEL

Leonard H. Marks.....*Legal* C. M. Jansky, Jr.....*Engineering*
Fought Company*Public Relations*



Ten Presto 8-D recorders in the United Nations' recording studio at Lake Success, Long Island, N.Y.

At the
UN
it's PRESTO,
of course!

When you see a really big recording operation, you are most likely looking at a Presto installation. For from New York to Bombay, from Manila to London . . . wherever recording is done, Presto's reputation for engineering skill has made Presto equipment the first choice.

That's why United Nations' engineers naturally chose Presto equipment for the recording studios at Lake Success, home of the UN. The international reputation of Presto recording equipment is proof of leadership.

Presto discs, too, have made a great contribution to recording. Sixteen years ago, Presto produced the *first* lacquer-coated discs. And today, Presto discs are *first* in quality.



RECORDING CORPORATION Paramus, New Jersey

Mailing Address: P. O. Box 500, Hackensack, New Jersey

In Canada: WALTER P. DOWNS, LTD., Dominion Sq. Bldg., Montreal

WORLD'S LARGEST MANUFACTURER OF INSTANTANEOUS SOUND RECORDING EQUIPMENT AND DISCS

EQUIPMENT

*How to Apply for a FCC License
AM-FM-TV*

•

Receiver Market Trends

•

*Recipients of
IRE Awards*

•

RMA Personnel—Committees

•

Consulting Engineers

•

*Chief Engineers of Stations
In the United States*

•

Radio-TV Equipment Manufacturers

Radio Annual—1949

HOW TO APPLY FOR A FCC LICENSE

Official FCC Procedure for AM, FM and TV Licenses

ANY qualified citizen, firm or group may apply to the Federal Communications Commission for authority to construct a commercial standard, frequency modulation or television broadcast station.

Licensing of these facilities is prescribed by the Communications Act of 1934, which sets up certain basic requirements. In general, applicants must satisfy the Commission that they are legally, technically and financially qualified, and that operation of the proposed station would be in the public interest, convenience and necessity.

The application procedure is substantially the same whether the facility sought is an FM, television or standard broadcast station.

The licensing procedure is detailed in Part 1 of the Commission's "Rules Relating to Organization and Practice and Procedure," while station operation is covered by Part 3, "Rules Governing Broadcast Services," and "Standards of Good Engineering Practice."

Selecting a Frequency

The Communications Act recognizes broadcasting as a competitive industry and invests the Commission with the responsibility of allocating facilities so as to provide a fair, efficient and equitable distribution of radio service.

Standard broadcast stations operate on "local," "regional," or "clear" channels. Local stations are of 100 to 250 watts power and serve smaller communities; stations of 500 watts to 5 kilowatts cover larger centers of population and surrounding areas; stations of 10 to 50 kilowatt maximum power are for large area coverage, particularly at night.

To determine whether an AM frequency is available for assignment in a particular area, it is necessary for the applicant to have a channel study made by a competent engineer. The Commission's engineering personnel cannot undertake to make such studies for prospective applicants.

In the case of FM, the Commission has tentatively allocated geographic blocks of frequencies to accommodate Class A stations (community) and Class B. Stations (metropolitan and rural). Except in the larger cities, the demand for FM stations has not yet exceeded the supply of available frequencies.

Television channels are apportioned for "metropolitan," "community," and "rural" service.

Applying for a Construction Permit

Once a prospective licensee has decided the type of station he wants to apply for, the next step is to make application for a construction permit. This application must be in writing, on a form (No. 301) supplied by the Commission. This form requires information about the citizenship and character of the applicant, as well as his financial, technical and other ability to construct and operate a station, plus details about the transmitting apparatus to be used and the proposed new service. Triplicate copies are required, two of which must be executed under oath or affirmation.

Application Processing

Applications are, in turn, studied by the Commission's Engineering, Law, and Accounting Bureaus, which make their respective recommendations to the Commission. The system of processing is so designed that applications are considered by different categories in the order in which received.

If, upon examination of an application, the Commission determines that there are no engineering conflicts and that all other requirements are met, the application is granted and a construction permit is issued.

Conditional grants are made to qualified FM applications subject to their filing, within 90 days, engineering details concerning their proposed operations, after which construction permits are issued. Television and FM stations are permitted

interim operation with less than the prescribed power.

All construction authorizations are subject to approval of transmitter site and antenna system by Civil Aeronautics Administration.

Hearings

However, where it appears that interference would be caused to another station above the degree described in the Commission's "Standards of Good Engineering Practice," or if other serious questions are involved, a hearing is usually required before a determination can be made. Sometimes, also, a hearing is necessary because two or more applicants request the same frequency.

In designating an application for hearing, the Commission gives public notice of the issues raised for the information of the applicant and other parties who may be concerned. Prior to the hearing, requests may be made for enlargement of the issues, to amend the application, or to permit other parties to intervene.

Usually the hearing date is not fixed until after the applicant agrees to such a hearing and has filed for his appearance. It may, however, be designated in the original notice. The notice generally allows the applicant a period of 30 days or more in which to prepare. Even after being designated for hearing, an applicant may find it possible to satisfy the issues raised by amending his application, especially if there are engineering considerations.

Hearings are customarily conducted by a presiding officer designated by the Commission. He can be a Commissioner or an examiner. He has authority to administer oaths, examine witnesses and rule upon the admission of evidence. Individual or partnership applicants may appear in person or by counsel, but cooperate applicants must be represented by attorney.

Request for Argument

Within 20 days after the close of the hearing, each party has the privilege of filing proposed findings of fact and conclusions in support of his contentions. After review of evidence and statements,

the Commission enters its proposed decision.

In the event he wishes to contest the proposed decision, the applicant and any other interested party then has 20 days to file exceptions and to request oral argument before the Commission. Oral argument is granted on request. After oral argument the Commission may adopt, modify or reverse its proposed findings.

In event that no exceptions are taken, the Commission issues an order making its proposed findings effective. Within 20 days thereafter, any party involved may file a petition for rehearing. Such a petition may be filed whether or not the decision is based upon a hearing, but the petition does not stay the proceedings unless ordered by the Commission.

Construction Permit

When and if an application meets statutory and other requirements, it is granted and a construction permit is issued. The latter specifies a date for commencement and another for completion of construction. A maximum of 60 days from date of grant is provided in which construction shall begin, and a maximum of six months thereafter as the time for completion (or 8 months in all). If the permittee is unable to build his station within the time specified he can apply (on Form 701) for additional time, stating the reasons. Upon completion of construction, the permittee can engage in equipment tests.

License

The final step is to apply (on Form 302) for the actual license. The applicant must show compliance with all terms, conditions, and obligations set forth in the application and the construction permit. After applying for a license, the holder of a construction permit can conduct program tests for a period not to exceed 30 days. A station license is then issued if no new cause or circumstance has come to the attention of the Commission that would make operation of the station contrary to the public interest.

Standard and FM stations are licensed for the statutory limit of three years; television stations for one year.

RECEIVER MARKET TRENDS

By J. B. Forman & C. P. Redick, Gen. Prod. Div., U. S. Department of Commerce

THE changes that have occurred in the radio industry following the introduction of television and the commercial production of FM receivers have caused much conjecture about future trends. General interest in these changes has been emphasized by recent widely advertised radio clearance sales, together with price reductions in seven and ten inch television receivers by certain manufacturers. An analysis of production, sales, and other factors discloses little decline in the dollar volume of the radio and television receiver manufacturing industry during 1948 and indicates the maintenance of an excellent volume of business during 1949. This maintenance of dollar volume is due principally to the continued rapid expansion in television production and sales.

The absence of serious reconversion problems at the end of the war permitted the radio industry to swing into rapid production of home type receivers. Consequently, in response to pent-up demand for additional receivers and replacement of overage ones, production and sales in 1946 reached record highs. New records in both production and sales were again made in 1947 in meeting the continued high demand from consumers and for dealers' inventory replenishment.

At the end of the war, in the fall of 1945, the estimated backlog demand for radios was 20 million receivers—a record high. This backlog was reduced by an estimated 7 million receiving sets during 1946 and was further reduced to a few million receiving sets by the end of 1947. The rapid reduction in backlog demand, together with the replenishment of inventories, brought supply in balance with demand in 1948. This situation was reflected in the ability of consumers to purchase desired models without difficulty. Although 1948 radio sales were substantially below the high of 18,321,000 sets sold in 1947, they were still the second largest in the history of the industry.

Although the industry in the prewar years, through mass production and technological economies, had followed the usual course of other industries in reduced unit prices and in resultant increased unit sales, there was a sharp rise in the average unit price after the war. This reversal in price trend was due in large part to increased labor and material costs and to

the sales growth of the higher priced FM receiver.

The most spectacular postwar development in the radio industry has been the growth of television. Before the war a total of less than 5,000 home television receivers had been produced commercially. In 1946, only 6,400 sets were produced. As the bottleneck in cathode ray tube production was broken and mass production techniques developed, production was stepped up to 178,600 units in 1947 and to approximately 975,000 in 1948. Trade sources state that the 1949 objective of the industry is the production of 2,000,000 TV receivers. Adequate quantities of cathode ray tubes and tin may prove a limiting factor. Whether or not this objective is attained, it appears certain that production will be substantially greater in 1949 than in 1948.

The composition of the manufacturing portion of this industry has changed considerably since the end of the war. With resumption of civilian radio receiver production new companies entered the field. A total of 58 companies were manufacturing home and auto radios in 1941. By the middle of 1946 there were 132 companies (including many established companies in other or allied fields which entered into civilian radio production). By the fall of 1948, with the war accumulated backlog of demand satisfied and the resulting increased competition for new business, the number had declined to 107.

A further decline in radio production and sales in 1949 and an offsetting continued increase in the production and sales of television receivers may be expected. With radio receiver pipelines filled, sales of high priced receivers (consoles) retarded, at least temporarily, by the record player confusion, and reduced radio sales in one geographic area after another as television becomes available, it would appear that the sale of a maximum of 10,000,000 radio units is all that may be expected in 1949. On the other hand, continuation of the 1948 sales trend in television receivers with resultant total sales in excess of \$500,000,000 may safely be assumed. With consumer acceptance of television now a fact, the aggregate retail sales of radio and TV receivers in 1949 may be expected to approach the \$1,200,000,000 achieved in 1948.

RECIPIENTS OF IRE AWARDS



Medal of Honor—1949

(Awarded in recognition of distinguished service rendered through substantial and important advancement in the science and art of radio communication. The recipient of this Medal is named by the Board of Directors upon recommendation by the Awards Committee.)

Ralph Bown, for his extensive contributions to the field of radio and for his leadership in Institute affairs.

Morris Liebmann Memorial Prize—1949

(Comprises the income from a donation by E. J. Simon, a Fellow of the Institute, to preserve the memory of Colonel Morris N. Liebmann, killed in action during World War I.)

C. E. Shannon, for his original and important contributions to the theory of the transmission of information in the presence of noise.

Browder J. Thompson Memorial Award—1949

(Comprises the income from a fund established by voluntary contributions to preserve the memory of Browder J. Thompson, a Director of the Institute when he was killed in action during World War II while on a special mission for the Secretary of War.)

R. V. Pound, for his paper in the December, 1947, Proceedings of the I.R.E. entitled "Frequency Stabilization of Microwave Oscillators."

Fellow Awards—1949

H. A. Affel, Bell Telephone Laboratories, New York, "for his contribution to the communications art, and his guidance of important developments in carrier sys-

tems for multiplex telephone and television transmission."

K. C. Black, Aircraft Radio Corporation, Boonton, N. J., "for his outstanding wartime work on radio countermeasures and his many contributions to the design of coaxial-cable transmission systems."

J. E. Brown, Zenith Radio Corporation, Chicago, Ill., "for his contributions in the field of broadcast receiver design."

Cledo Brunetti, Stanford University, California, "in recognition of his pioneering work on printed circuits."

W. L. Carlson, RCA Laboratories, Princeton, N. J., "in recognition of his contributions over many years to the development of radio receivers and their components."

P. S. Carter, RCA Laboratories, Rocky Point, N. Y., "for his many contributions in the fields of radio transmission and communication systems."

F. E. d'Humy, Western Union Telegraph Co., New York, "in recognition of his long service in the communications field and for pioneering in the application of radio relays to telegraph message service."

John N. Dyer, Airborne Instruments Laboratory, Mineola, N. Y., "for administrative and technical contributions to radio, including polar-expedition communications and important wartime countermeasures."

L. A. Gebhard, Naval Research Laboratory, Washington, D. C., "for his pioneering work in the military application of radio."

T. T. Goldsmith, Jr., Allen B. DuMont Laboratories, Clifton, N. J., "for his contributions in the development of cathode-ray instrumentation and in the field of television."

Recipients of IRE Awards

F. W. Grover, Union College, Schenectady, N. Y., "for his long activities and contributions in the field of electrical units and measurements, and for his publications."

E. A. Guillemin, Massachusetts Institute of Technology, Cambridge, Mass., "for outstanding work in the field of electric circuit analysis and synthesis, and for his inspired leadership as a teacher."

Ross Gunn, United States Weather Bureau, Washington, D. C., "for his long service and many technical contributions in the radio and electronics fields."

A. V. Haeff, Naval Research Laboratory, Washington, D. C., "for his contributions to ultra-high-frequency radio tubes and electronics."

L. C. Holmes, Stromberg-Carlson Co., Rochester, N. Y., "for his contributions to theory and practice in the field of magnetic recording."

J. Kelly Johnson, Consulting Engineer, New York, "in recognition of his leadership in the design and manufacture of radio broadcast receivers."

S. R. Kantebet, Government of India Overseas Communication Service, Bombay, India, "for his services as an educator, engineer, and administrator in the fields of radio and cable communication in India."

W. B. Lodge, Columbia Broadcasting System, New York, "for his many contributions to broadcast engineering and in particular for his work in the field of frequency allocations."

K. A. Mackinnon, Consulting Engineer, Ottawa, Ontario, Canada, "for his technical contributions in Canada to the theory and design of transmitting antennas and the development of a coverage plan for a national network."

H. F. Olson, RCA Laboratories, Princeton, N. J., "for his outstanding developments and publications in the fields of acoustics and underwater sound."

G. D. O'Neill, Sylvania Electric Products, Inc., Flushing, N. Y., "for his work in electron-tube theory and design."

L. S. Payne, Canadian Marconi Co., Ltd., Montreal, Canada, "for his contributions in Canada to the field of international communications."

L. M. Price, Radio Valve Company of Canada, Toronto, Canada, "for his contributions to the development, production, and application of electron tubes in Canada."

H. J. Reich, Yale University, New Haven, Conn., "for his contributions as a teacher and author in the radio and electronics fields."

J. D. Reid, Crosley Division of Avco Manufacturing Corp., Cincinnati, O., "for his developments in radio-frequency circuits."

Karl Spangenberg, Office of Naval Research, Washington, D. C., "for his many technical contributions, particularly his analytical work on vacuum tubes."

George Sterling, Federal Communications Commission, Washington, D. C., "in recognition of his long public service in the radio communications field and, in particular, for the organization and operation of radio wartime intelligence activities, which were of significant importance."

C. E. Strong, Standard Telephone and Cables, Ltd., New Southgate, London, England, "for his pioneering work in the radio equipment design and development field, particularly broadcasting transmitters, both medium and high-frequency, and his many wartime contributions in England."

Franz Tank, Institut für Hochfrequenz Technik, Zurich F., Switzerland, "for his contributions to the field of radio education in Switzerland, and his accomplishments in ultra-shortwave communications."

W. N. Tuttle, General Radio Company, Cambridge, Mass., "for his application of sound theoretical principles to the design of commercial measuring equipment."

I. R. Weir, General Electric Company, Syracuse, N. Y., "for his pioneering work in the development and application of transmitting equipment for higher frequencies and higher power."

Radio Manufacturers Association

Officers and Executive Personnel—1948-1949

Headquarters: 1317 F. St., N.W., Washington 4, D. C.
Phone: National 4901

President

Max F. Balcom, Sylvania Electric Products, Inc., Emporium, Pa.

Executive Vice-Pres.- General Mgr.

Bond Geddes, 1317 F Street, N. W.,
Washington 4, D. C.

Treasurer

Leslie F. Muter, The Muter Co., Chicago
5, Ill.

General Counsel

John W. Van Allen, Liberty Bank Build-
ing, Buffalo 2, N. Y.

Vice-Presidents

G. M. Gardner, Wells-Cardner & Co.,
Chicago 39, Ill.

W. J. Barkley, Collins Radio Company,
Cedar Rapids, Ia.

R. E. Carlson, Tung-Sol Lamp Works,
Inc., Newark 4, N. J.

A. D. Plamondon, Jr., The Indiana
Steel Products Co., Chicago 2, Ill.

Allen Shoup, Sound, Inc., Chicago 16, Ill.

RMA Headquarters Staff

Bond Geddes, Secretary

Dir. of Pub. Rel. Staff Asst., Parts Div.

James D. Secrest

Editorial Assistant

Peter H. Cousins

Staff Assistant Transmitter Div.

Ralph M. Haarlander

Office Manager

Anna M. Chase

RMA BOARD OF DIRECTORS Term Expiring 1949

Lloyd H. Coffin, Hytron Radio & Elec-
tronics Corp., Salem, Mass.

Allen B. DuMont, Allen B. DuMont Lab-
oratories, Inc., Passaic, N. J.

Walter Evans, Westinghouse Electric
Corporation, Baltimore 3, Md.

Frank M. Folsom, Radio Corporation of
America, RCA Victor Division, Cam-
den, N. J.

Paul V. Calvin, Motorola Inc., Chicago
51, Ill.

George R. Haase, Operadio Manufactur-
ing Co., St. Charles Ill.

Larry F. Hardy, Philco Corporation,
Philadelphia 34, Pa.

W. R. C. Baker, Director of Engineering,
General Electric Company, Syracuse 1,
N. Y.

W. P. Hilliard, Bendix Radio, Bendix
Aviation Corporation, Baltimore 4, Md.

R. E. Laux, General Instrument Corpora-
tion, Elizabethtown 3, N. J.

E. A. Nicholas, Farnsworth Television &
Radio Corp., Fort Wayne 1, Ind.

Allen Shoup, Sound, Inc., Chicago 16, Ill.

J. Hall Stackpole, Stackpole Carbon Com-
pany, St. Marys, Pa.

Thos. A. White, Jensen Manufacturing
Company, Chicago 38, Ill.

David Wald, DeWald Radio Mfg. Corp.,
New York 3, N. Y.

Leslie F. Muter, Treasurer, The Muter
Company, Chicago 5, Ill.

Term Expiring 1950

E. A. Aischuler, Sentinel Radio Corp.,
Evanston, Ill.

R. E. Carlson, Tung-Sol Lamp Works,
Inc., Newark 4, N. J.

G. M. Gardner, Wells-Gardner & Co.,
Chicago 39, Ill.

Joseph Gerl, Sonora Radio & Television
Corp., Chicago 2, Ill.

H. J. Hoffman, Machlett Laboratories,
Inc., Norwalk, Conn.

H. L. Hoffman, Hoffman Radio Corp., Los
Angeles 7, Calif.

George Lewis, Federal Telephone & Radio
Corp., New York 4, N. Y.

Ray H. Manson, Stromberg-Carlson Co.,
Rochester 3, N. Y.

H. C. Mattes, Belmont Radio Corp., Chi-
cago 39, Ill.

Ernest Searing, International Resistance
Co., Philadelphia 8, Pa.

Harry G. Sparks, The Sparks-Withington
Co., Jackson, Mich.

Ray F. Sparrow, P. R. Mallory & Co.,
Inc., Indianapolis 6, Ind.

R. C. Sprague, Sprague Electric Co.,
North Adams, Mass.

Term Expiring 1951

Benjamin Abrams, Emerson Radio & Phonograph Corp., New York 11, N. Y.
Max F. Balcom, Sylvania Electric Products Inc., Emporium, Pa.
W. J. Barkley, Collins Radio Company, New York 18, N. Y.
H. C. Bonfig, Zenith Radio Corporation, Chicago 39, Ill.
Herbert W. Clough, Belden Manufacturing Company, Chicago 44, Ill.
John W. Craig, Crosley Division, Avco Manufacturing Corporation, Cincinnati 25, O.
G. Richard Fryling, Erie Resistor Corporation, Erie, Pa.
S. Insull, Jr., Stewart-Warner Corporation, Chicago 14, Ill.
J. J. Kahn, Standard Transformer Corporation, Chicago 18, Ill.
F. R. Lack, Western Electric Company, Inc., New York 5, N. Y.
W. A. MacDonald, Hazeltine Electronics Corporation, New York 18, N. Y.
A. D. Plamondon, Jr., The Indiana Steel Products Company, Chicago 2, Ill.
Glenn W. Thompson, Noblitt-Sparks Industries, Inc., Columbus, Ind.

RMA COMMITTEES & PERSONNEL 1948-1949

ADVERTISING COMMITTEE (Set Division)

Chairman: Stanley H. Manson, Stromberg-Carlson Co.

Convention and Banquet Committee 25th Silver Anniversary

Chairman: Leslie F. Muter, The Muter Company.

CREDIT COMMITTEE

Chairman: W. W. Paul, Radio Condenser Company.
Eastern Vice Chairman: G. E. Hallett, Tung-Sol Lamp Works, Inc.
Western Vice Chairman: C. R. Smith, P. R. Mallory & Co., Inc.

EXCISE TAX COMMITTEE

Chairman: Joseph Gerl, Sonora Radio & Television Corp.

EXPORT COMMITTEE

Chairman: James E. Burke, Stewart-Warner Corp.

FINANCE COMMITTEE

Chairman: Leslie F. Muter, The Muter Company.

FMA-RMA LIAISON COMMITTEE

Chairman: H. C. Bonfig, Zenith Radio Corp.

INDUSTRIAL RELATIONS COMMITTEE

Chairman: G. W. Thompson, Noblitt-Sparks Industries, Inc.

INDUSTRY MOBILIZATION POLICY COMMITTEE

Chairman: Fred R. Lack, Western Electric Company, Inc.

INDUSTRY STATISTICS COMMITTEE

Chairman: Frank W. Mansfield, Sylvania Electric Products, Inc.

LEGISLATIVE AND EXTERNAL ADMINISTRATIVE ADVISORY COMMITTEE

Chairman: John W. Van Allen, RMA General Counsel.

MEMBERSHIP COMMITTEE

Chairman: Thomas A. White, Jensen Mfg. Co.

NAB-RMA LIAISON COMMITTEE

Chairman: Paul V. Galvin, Motorola, Inc.

SCHOOL EQUIPMENT COMMITTEE

Chairman: Lee McCanne, Stromberg-Carlson Co.

Classroom Receiver Section

Chairman: Maurice Levy, Emerson Radio & Phonograph Corp.

Sound Equipment Section

Chairman: H. G. Kobick, Webster Electric Co.

Television Section

Chairman: John H. Ganshuber, Western Electric Company, Inc.

SERVICE COMMITTEE

Chairman: A. T. Alexander, Motorola, Inc.

TRAFFIC COMMITTEE

Chairman: Richard C. Colton, RCA Victor Div. of RCA.

RMA DIVISION ORGANIZATION Set Division

C. M. Gardner, Chairman

Tube Division

R. E. Carlson, Chairman

Transmitter Division

T. A. Smith, Chairman

Parts Division

A. D. Plamondon, Jr., Chairman

Amplifier & Sound Equipment Division

Fred D. Wilson, Chairman

RMA ENGINEERING DEPARTMENT 1948-1949

Dr. W. R. G. Baker, Director, General Electric Co., Syracuse 1, N. Y.

Virgil M. Graham, Associate Director, Sylvania Electric Products, Inc., 40-22 Lawrence St., Flushing, N. Y.

RMA Data Bureau

L. C. F. Horle, Chief Engineer, 90 West St., New York 6, N. Y.

GENERAL STANDARDS COMMITTEE (GS)—George Lewis, Chairman, Federal Telephone & Radio Corp.; L. C. F. Horle, Co-Chairman, Director, RMA Engineering Dept.—Dr. W. R. G. Baker, General Electric Co.; Associate Dir., RMA Engineering Dept. — Virgil M. Graham, Sylvania Electric Products, Inc.; Section & Committee Chairmen, RMA Engineering Dept.; Transmitter Section (TR) — M. R. Briggs, Chairman, Westinghouse Electric Corp.; Receiver Section (R) — Dorman D. Israel, Chairman, Emerson Radio & Phonograph Corp.; Sound Equipment Section (SE)—A. N. Curtiss, Chairman, RCA Victor Div. of RCA; Special Electronic Equipment Section (SEE) — P. K. McEroy, Chairman, General Radio Co.; Electron Tube Section (ET) — E. F. Carter, Chairman, Sylvania Electric Products, Inc.; Television Systems Committee (TS)—F. J. Bingley, Chairman, Station WOR; L. C. F. Horle, Co-Chairman; F. M. Systems Committee (FM)—Dr. G. R. Town, Chairman, Stromberg-Carlson Co.; Thermoplastic Hookup Wire Committee (HW)—T. Y. Henry, Chairman, RCA Victor Div. of RCA; Color Coding Committee (CC) — (Chairman not designated); Division Chairmen RMA Management Branch; Set Division—G. M. Gardner, Chairman, Wells-Gardner & Co., Tube Division — R. E. Carlson, Chairman, Tung-Sol Lamp Works, Inc.; Transmitter Division—T. A. Smith, Chairman, RCA Victor Division of RCA; Parts Division —A. D. Plamondon, Jr., Chairman, The Indiana Steel Products Co.; Amplifier & Sound Equipment Division—Fred D. Wilson, Chairman, Operadio Mfg. Co.; Observer—R. A. Hackbush, RMA of Canada.

JOINT ELECTRON TUBE ENGINEERING COUNCIL

of

RMA and NEMA (JETEC)

Directors (JTCd)

W. R. G. Baker, General Electric Co., Syracuse 1, N. Y.

Walter Evans, Westinghouse Electric Corp., Baltimore 3, Md.

Council (JTCC)

Virgil Graham, Chairman, Sylvania Electric Products, Inc., Flushing, N. Y.

F. D. Langstroth, Lansdale Tube Corp., Lansdale, Pa.

D. D. Knowles, Westinghouse Electric Corp., Bloomfield, N. J.

O. W. Pike, General Electric Co., Schenectady 5, N. Y.

A. Senauke, Ampere Electronic Corp., Brooklyn 1, N. Y.

G. R. Shaw, RCA Victor Div. of RCA, Harrison, N. J.

A. K. Wright, Tung-Sol Lamp Works, Inc., Bloomfield, N. J.

STAFF (JTCS)

R. S. Burnap, Chairman, Committee on Types Designations, RCA Victor Division of RCA (JTC7), Harrison, N. J.

W. A. Dickinson, Chairman, Committee on Cathode Ray Tubes, Sylvania Electric Products Inc., (JTC6), Emporium, Pa.

A. M. Glover, Chairman, Committee on Phototubes (JTC4), RCA Victor Division of RCA, Lancaster, Pa.

F. D. Langstroth, Chairman, Committee on Receiving Tubes (JTC5), Lansdale Tube Company, Lansdale, Pa.

D. E. Marshall, Chairman, Committee on Gas and Pool Tubes (JTC12), Westinghouse Electric Corporation, Bloomfield, N. J.

H. W. Parker, Chairman, Committee on Vacuum Sealed Devices, Sylvania Electric Products Inc., Flushing, N. Y. (JTC3)

V. L. Ronci, Chairman, Committee on Mechanical Standardization, Bell Telephone Laboratories, Allentown, Pa. (JTC8)

J. R. Steen, Chairman, Committee on Sampling Procedure, Sylvania Electric Products Inc., Flushing, N. Y. (JTC11)

D. W. Taggart, Chairman, Committee on Packaging (JTC10), Sylvania Electric Products Inc., Emporium, Pa.

A. K. Wing, Jr., Chairman, Committee on High Vacuum Power Tubes (JTC1), Federal Telecommunication Labs. Inc., Nutley, N. J.

WILLIAM L. FOSS, INC.

Consulting Radio Engineers



927 Fifteenth St., N.W., Washington, D. C.

Phone: Republic 3883

Consulting Engineers

specializing in AM, FM & TV

GEORGE P. ADAIR

1833 M St., N.W., Washington 6, D. C.
 Phone: Executive 1230, 5851
 Associated Engineers: Robert E. Ritch, Warren Taylor, Roy Robbins, Edward J. Mueller, Lawrence Freeman.
 (See Advertisement Page 1157)

LLOYD R. AMOO

3709 Carpenter, Des Moines, Ia.
 Phone: 7-9272

H. V. ANDERSON & ASSOCS.

134 Clarence St., Lake Charles, La.
 Phone: 7-277

ANDREW CORP.

363 E. 75th St., Chicago 19, Ill.
 Phone: Triangle 4400

L. W. ANDREWS, INC.

219 Whitaker Bldg., Davenport, Ia.
 Phone: 2-7824, 7-5798, 3-8504
 (See Advertisement Page 1156)

LEE E. BAKER

Landers Bldg., Springfield 4, Mo.
 Phone: 3621

JOHN BARRON

Warner Bldg., Washington 4, D. C.
 Phone: National 7757

S. A. BARONE CO.

143 W. 22nd St., New York 11, N. Y.
 Phone: Watkins 9-9117

WILLIAM E. BENNS, JR. & ASSOCS.

3738 Kanawha St., N.W., Washington, D. C.
 Phone: ORdway 8071

BERNARD ASSOCIATES

5010 Sunset Blvd., Hollywood 27, Calif.
 Phone: NORmandy 2-6715
 86 Webster Ave., Harrison, N. Y.

A. R. BITTER

4125 Monroe St., Toledo 6, Ohio
 Phone: Kingswood 7631, 9541
 President, A. R. Bitter
 (See Advertisement Page 1158)

WILLIAM W. L. BURNETT RADIO LABORATORY

4814 Idaho St., San Diego 4, Calif.
 Phone: Talbot 4943

CHAMBERS & GARRISON

1519 Connecticut Ave., Washington 6, D.C.
 Phone: Michigan 2261

COMMERCIAL RADIO EQUIPMENT CO.

Porter Bldg., Kansas City 2, Mo.
 Phone: Logan 8821
 EASTERN OFFICE
 International Bldg., Washington 4, D. C.
 Phone: District 1319
 Everett L. Dillard, general manager

JOHN CREUTZ

319 Bond Bldg., Washington, D. C.
 Phone: Republic 2151

A. EARL CULLUM, JR.

Highland Park Village, Dallas 5, Tex.
 Phone: Justin 8-6108

GEORGE C. DAVIS

Munsey Bldg., Washington 4, D. C.
 Phone: District 8456

DIXIE ENGINEERING CO.

Old Confederate Arsenal, P. O. Box 362,
 Columbia, S. C.
 Phone: 2-2742

DOOLITTLE RADIO, INC.

7421 S. Loomis Blvd., Chicago 36, Ill.
 Phone: Radcliffe 3-4100

A. JAMES EBEL

212 S. Jefferson St., Peoria, Ill.
 Phone: 7133

WILLIAM L. FOSS, INC.

927 15th St., N.W., Washington 5, D. C.
 Phone: Republic 3882
 President, William L. Foss; Vice-President, John A. Moffet; Radio Engineers, Edmund E. Pendleton, Harold D. Plunkett.
 (See Advertisement Facing Page)

GILLE BROS.

1108 Lillian Way, Hollywood 38, Calif.
 Phone: Gladstone 6178

• • • **Radio-TV Consulting Engineers** • • •

GLENN D. GILLETT ASSOC.

National Press Bldg., Washington 4, D. C.
Phone: NAtional 3373

RALPH P. GLOVER

1224 N. Vine Ave., Tucson, Ariz.
5735 Dorchester, Chicago 37, Ill.
Phone: HYde Park 3-6820

PAUL F. GODLEY

Paul Godley Co., P. O. Box "J",
Upper Montclair, N. J.
Laboratories: Great Notch, N. J.
Phones: Montclair 3-3000, Little Falls 4-1000

DR. ALFRED N. GOLDSMITH

597 Fifth Ave., New York 17, N. Y.
Phone: Plaza 3-4150

J. B. HATFIELD

936 35th Ave., Seattle 22, Wash.
Phone: Prospect 7860

RICHARD R. HAYES

211 E. Poplar, San Antonio 2, Tex.
Phone: Garfield 2877

JOHN B. HEFFELFINGER

815 E. 83rd St., Kansas City 5, Mo.
Phone: Hiland 7010

JOHN V. L. HOGAN

730 Fifth Ave., New York 19, N. Y.
Phone: Columbus 5-5536

HOLEY & HILLEGAS

1146 Briarcliff Place, N.E., Atlanta, Ga.
Phone: Atwood 3328

FREDERICK S. HOWES

McGill Univ. Engineering Bldg.,
Montreal, Que., Canada

GUY C. HUTCHESON

1100 W. Ahram St., Arlington, Texas
Phone: 1218

JANSKY & BAILEY

National Press Bldg., Washington, D. C.
Phone: Metropolitan 5411
Offices & Laboratories
1339 Wisconsin Ave., N. W., Wash. 7, D. C.
Phone: ADams 2414

We carry the ENTIRE burden —
"From the Idea to the Completed Station"

ASK OUR CLIENTS — THEY ARE OUR REFERENCES

No station too LARGE —

No station too small.

L. W. ANDREWS, INC.

RADIO CONSULTANTS

219 WHITAKER BLDG. DAVENPORT, IOWA

Phone us for speedy action at 2-7824, 7-5798, or 3-8504

Your measurement
requirement is our hobby:

AM • FM • TV

PRIMARY STANDARDS OF FREQUENCY

**MID-CONTINENT RADIO
CORPORATION**

R. R. 3—Davenport, Iowa

Phone
7-5798, 2-7824, or 3-8504

Call us any time

If towers

or tower repairs

bother you,

let us do the worrying

TOWER SERVICES, Inc.

219 WHITAKER BLDG.

Davenport, Iowa

*Equipped for speedy, efficient, and
economical service.*

Phone 2-7824, 7-5798, or 3-8504

Used and reconditioned
broadcast equipment

••• **Radio-TV Engineers** •••

KEAR & KENNEDY

1703 K St., N. W., Washington, D. C.
Phone Sterling 7932

JOHN J. KEEL

Warner Bldg., 13th & E Sts., N. W.,
Washington 4, D. C.
Phone: National 6513

WORTHINGTON C. LENT

1200 18th St., N.W., Washington, D. C.
Phone: District 4127

LOHNES & CULVER

Munsey Bldg., Washington 4, D. C.
Phone: District 8215

**MASPETH TELEPHONE & RADIO
CORP.**

142 Ashland Pl., Brooklyn 1, N. Y.
Phone: MAin 4-2982

RUSSELL P. MAY

1422 F St., N.W. Washington 4, D. C.
Phone: Republic 3984

WINFIELD SCOTT

McCACHREN & ASSOC.

Bond Bldg., Washington 5, D. C.
Phone: District 6923

FRANK H. McINTOSH

710 14th St., N.W., Washington 5, D. C.
Phone: Metropolitan 4477
Lab.: 910 King St., Silver Spring, Md.
Phone: Shepard 0874

DIXIE B. McKEY & ASSOC.

1820 Jefferson Pl., N.W., Washington 6, D. C.
Phone: Republic 7236,8296

McNARY & WRATHALL

National Press Bldg., Washington 4, D. C.
Phone: District 1205
1407 Pacific Ave., Santa Cruz, Calif.
Phone: 5040

**E. C. PAGE CONSULTING
RADIO ENGINEERS**

Bond Bldg., Washington 5, D. C.
Phone: Executive 5670

PREISMAN & BISER

3308 14th St., N.W., Washington 10, D. C.
Phone: Adams 7299

RADIO ENGINEERING CO.

1355 Market St., San Francisco 3, Calif.
Phone: Market 1-8171

George P. Adair
Radio Engineering Consultants

EXecutive 1230

EXecutive 5851

1833 M STREET, N. W.
WASHINGTON 6, D. C.

Radio-TV Consulting Engineers

GARO W. RAY

991 Broad St., Bridgeport, Conn.
Phone: Bridgeport 5-2055

WILLIAM E. RICHARDSON

1935 S. W. Moss St., Portland 1, Ore.
Phone: Cherry 4070

ANDREW D. RING & CO.

Munsey Bldg., Washington 4, D. C.
Phone: Republic 2347
6800 Fairfax Rd., Bethesda 14, Maryland
Phone: Wisconsin 3993

ROTHROCK & BAIRY

1757 "K" St., N.W., Washington, D. C.
Phone: National 0196

MERL SAXON

203 W. Hutchison St., San Marco, Tex.
Phone: 888, 211

SILLIMAN & BARCLAY

1011 New Hampshire Ave., Washington, D. C.
Phone: Republic 6646

Serving the Middlewest

A. R. BITTER

CONSULTING RADIO
ENGINEERS

4125 Monroe St.
Toledo 6, Ohio

Telephone Kingswood 7631

HAROLD C. SINGLETON

3536 N.E., 17th Ave., Portland 12, Ore.
Phones: GARfield 3530, BEacon 6364

LYNNE C. SMEBY

820 13th St., N.W. Washington 5, D. C.
Phone: Executive 8073

**UNIVERSAL RESEARCH
LABORATORIES**

1 Nob Hill Circle, San Francisco 6, Calif.
Phone: Exbrook 2-4567

**T & T RADIO
MEASUREMENTS CO.**

1577 Cross Roads-of-the-World,
Hollywood 28, Calif.
Phone: Gladstone 6455

ARCHER S. TAYLOR

P. O. Box 1479 Missoula, Mont.
Phone: 8562

ERNEST J. VOGT

2055 Garfias Drive, Pasadena 7, Calif.
Phone: Sycamore 7-8839

**WASHINGTON INSTITUTE OF
TECHNOLOGY**

5005 Calvert Rd., College Park, Md.
Phone: Warfield 9000

WELDON & CARR

1605 Connecticut Ave., N.W. Washington 9,
D. C.
Phone: Michigan 4151
FIELD BRANCH
1728 Wood St., Dallas 1, Tex.
Phone: Riverside 3611

NATHAN WILLIAMS

20 Algoma Blvd., Oshkosh, Wis.
Phone: Blackhawk 22
Chief Asst. Engr., Valerius E. Herzfeld;
Asst. Engrs., Robert J. Ziehlke,
Harold A. Timmerman; Draftsman,
Raymond Weideman; Secretaries, Leova
Reif, Ursula Cragg.
(See Ad Wisconsin Station Section)

**RAYMOND M. WILMOTTE
and Paul A. de Mars Associate**

1469 Church St., N.W., Washington 5, D. C.
Phone: Decatur 1234

HERBERT L. WILSON

1025 Connecticut Ave., N. W., Wash. 6, D. C.
Phone: National 7161

Chief Engineers

Of Radio Stations in the United States
As of January 1, 1949

Alabama

Bingham, Pete. WJOL, Florence
Bishop, Dige. WCTA, Andalusia
Brennan, William J. WVOK, Birmingham
Carter, Lester. WKLF, Clanton
Cobb, Joseph L. WEBJ, Brewton
Cole, R. M. WKRG, Mobile
Epstein, Robert. WKUL, Cullman
Epstein, Robert. WHOS, Decatur
Evans, James L. WAPI, Birmingham
Farrior, James S., Jr. WJHO, Opelika
Fisher, Lester. WHTB, Talladega
Fitts, James. WOOB, Anniston
Gilehrst, Joe W. WTBF, Troy
Hamann, G. P. WBRG, Birmingham
Harris, William G. WBHP, Huntsville
Hawkins, Stanley. WKAX, Birmingham
Herman, Charlie. WAUD, Auburn
Hubbard, John T. WAGF, Dothan
Hudson, James. WHMA, Anniston
Hurley, R. B. WALA, Mobile
Jovner, Brice. WOPF, Dothan
Kelly, T. F., Jr. WHBB, Selma
Lamar, John D. WMGY, Montgomery
Larkin, John T. WXAL, Demopolis
Lehr, Owen. WAPX, Montgomery
Leson, A. B. WGNH, Gadsden
McKinney, Maurice. WJLD, Bessemer
McMoran, Lynn. WLAY, Muscle Shoals City
Miller, Edwin R. WMFT, Florence
Miller, Gene. WKAB, Mobile
Murphree, Frank. WTNB, Birmingham
Murphree, W. H. WABB, Mobile
Nichols, Glen. WJBY, Gadsden
Pebworth, H. E. WFEA, Sylacauga
Rector, Lee. WJRD, Tuscaloosa
Roberts, Ray. WHBS, Huntsville
Roser, J. V. WMSL, Decatur
Sanderson, J. V. WSGN, Birmingham
Shelkofsky, Cliff. WSPA, Montgomery
Swieeood, Jess. WDJG, Dothan
Todd, T. H. WTBC, Tuscaloosa
Townsend, John. WCWC, Selma
Vessels, J. C. Colonel. WGAD, Gadsden
Weatherly, W. D. WCOV, Montgomery
Whalley, James. WRPS, Alexander City
White, Wiely, W. WWWW, Jasper
Williamson, Calvin. WGWG, Gadsden
Wright, A. Fred. WJJI, Montgomery

Arizona

Anderson, A. C. KTAR, Phoenix
Baker, Clifford. KNOG, Nogales
Baker, Cliff. KPHO, Phoenix
Cimmiotti, Vernard. KOPO, Tucson
Edwards, Marvin. KRUX, Phoenix-Glendale
Eitel, George. KYCA, Prescott
Fernyhaugh, Wayne. KCKY, Coolidge
Hartman, Herbert W. KGIU, Safford
Hoiselaw, Ray H. KVOA, Tucson
Karpisek, W. J. KCNA, Tucson
Kinless, Justin. KAWT, Douglas
Kirby Selwin. KOOL, Phoenix
Livingston, Clifford. KTCU, Tucson
Miller, Clifford R. KOY, Phoenix
Thompson, Ted. KWJB, Globe
Wheeler, Leavenworth. KYUM, Yuma
Woolley, Harry L. KWRZ, Flagstaff

Arkansas

Butler, Earl. KXLR, Little Rock
Causcy, Don. KHOZ, Harrison

Dekker, Aubrey. KFFA, Helena
Dennis, Bruce. KWHN, Fort Smith
Dillaplain, Vernon L. KWEM, West Memphis
Dotson, George. KGRH, Fayetteville
Douglas, J. E. KDRS, Paragould
Hunter, Doris C. KAMD, Camden
Kunkell, Willard E. KFBW, Fort Smith
Long, John. KELD, El Dorado
Penix, Charles. KCLA, Pine Bluff
Platt, Robert, Jr. KFSA, Ft. Smith
Skinner, Marion. KICN, Bly & Leville
Smith, Cecil E. KVOA, Siloam Springs
Sneed, William. KXRJ, Russellville
Sutt, Cecil L. KTHS, Hot Springs
Tracy, Kermit. KLRA, Little Rock
Warden, Jack. KWAK, Stuttgart
Wilson, Tom. KWFC, Hot Springs
Winn, Dan L. KARK, Little Rock

California

Baily, Ray. KCRA, Sneramento
Banks, Troy L. KRDU, Dinuba
Bates, William H. Jr. KTRB, Modesto
Berger, Walt. KXOB, Stockton
Berlin, Charles Vernon. KSCO, Santa Cruz
Berthold, Wayne. KJDS, San Francisco
Black, H. Neil. KSMO, San Mateo
Blatterman, H. L. KFI, Los Angeles
Bonaventure, Herbert. KVEC, San Luis Obispo
Bowman, Les. KNX, Los Angeles
Brock, George W. KRNO, San Bernardino
Brouson, Walt. KBLF, Red Bluff
Carruthers, Walter. KHJ, Los Angeles
Choate, Forrest T. KDB, Santa Barbara
Collette, Jerry G. KROP, Brawley
Collins, William G. KGB, San Diego
Cormack, A. N. KQW, San Jose
Cowan, Jack. KVVC, Ventura
Crumbaugh, Luther. KGER, Long Beach
Cunningham, Bill. KLOK, San Jose
David, Arthur. KGYW, Vallejo
Dean, Albert. KARM, Fresno
Downey, C. E. KROW, Oakland
Dralle, C. KCOY, Santa Maria
Dunn, Frank. KPAS, Bannock
Evans, A. E. KGO, San Francisco
Ewing, George. KFXM, San Bernardino
Fields, Dave. KRE, Berkeley
Ford Owen, J. KITO, San Bernardino
Freitag, Willis O. KRKD, Los Angeles
Froming, Ted. KAFY, Bakersfield
Fulwood, Fred. KWTC, Barstow
Gregg, Paul. KWBR, Oakland
Guenther, Stanley G. KVOE, Santa Ana
Gunn, Richard. KTCO, Calexico
Hall, Floyd. KOCS, Ontario
Hall, J. M. KSBW, Salinas
Hassett, Vern. KSRO, Santa Rosa
Hildebrand, Dave. KIEM, Eureka
Hornnn, Alfred. KERO, Bakersfield
Houston, Harold C. KSUE, Susanville
Hughes, Forrest. KIKN, Visalia
Johnson, F. M. KBCU, Corona
Johnston, Lee. KEEN, San Jose
Jones, William F. KWIK, Burbank
Kennedy, Frank. KHJ, Los Angeles
Kerr, Donald. KCSB, San Bernardino
King, Lawrence H. KSJO, San Jose
Leake, Paul E. KXOA, Sacramento
Lee, Robert E., Jr. KPMB, San Diego
Leff, Ben. KAGH, Pasadena
McBain, Don. KCMJ, Palm Springs
McDowell, Lawrence W. KFOJ, Long Beach

McKinney, Hampton.....KTIP, Porterville
 McQueary, Lloyd.....KMYC, Marysville
 Martineau, Howard.....KROY, Sacramento
 Marvin, Bill.....KSON, San Diego
 Maginnis, Bill.....KSYX, Yreka
 Mason, Curtiss.....KFI, Los Angeles
 Mealey, K. L.....KFRE, Fresno
 Miller, Wilbur.....KXO, El Centro
 Milton, Vern.....KUSN, San Diego
 Morecroft, John.....KOWL, Santa Monica
 Morrison, James C.....KCOK, Tulare
 Murphy, Melvin H.....KTIM, San Rafael
 Nesmith, Frank.....KSWG, Stockton
 Nicolay, Albert A.....KTMS, Santa Barbara
 Nielson, Julian J.....KSGN, Sanger
 Oakley, Ron.....KFAK, Los Angeles
 Obouchon, Homer.....KGFJ, Hollywood
 Olson, Carl.....KLAC, Los Angeles
 Palmer, George.....KPRL, Paso Robles
 Peck, Curtis.....KNBC, San Francisco
 Planting, Merwyn F.....KVSJ, San Mateo
 Pope, Russel B.....KYOS, Merced
 Reader, Jack.....KXLA, Pasadena
 Rees, David H.....KWSJ, Mount Shasta
 Reynolds, Stan.....KUCB, Blythe
 Reynolds, Stan.....KPRO, Riverside
 Richard Rodney.....KHUB, Watsonville
 Saueressig, Stan.....KIST, Santa Barbara
 Schulz, Paul.....KYA, San Francisco
 Schumann, Vern.....KIEV, Glendale
 Shatto, Luverne.....KERN, Bakersfield
 Shelley, Oscar D.....KSFE, Needles
 Sherburne, Charles.....KSDJ, San Diego
 Sigmon, Loyd.....KMPC, Los Angeles
 Skelton, John R.....KSN, San Francisco
 Smith, Creigh.....KDAC, Fort Bragg
 Smith, Rosewell S.....KXL, Oakland
 Sole, Jack H.....KNGS, Hanford
 Spargo, Paul W.....KWKW, Pasadena
 Sronce, Stank.....KFKB, Sacramento
 Strople, Edward P.....KHUM, Eureka
 Towne, A. E.....KSFO, San Francisco
 Ullom, Chet.....KUBA, Yuba City
 Underwood, E. G.....KFRC, San Francisco
 Vanderbeek, Herbert.....KVON, Napa
 Wallace, William N.....KMJ, Fresno
 Welch, Jim.....KTKR, Taft
 Williams, Bert.....KYNO, Fresno
 Williamson, Warren S.....KYOR, San Diego
 Wrathall, Grant R.....KRUZ, Santa Cruz
 Wright, Omer N.....KDON, Monterey

Colorado

Antic, John L.....KRLN, Canon City
 Austin, Harold.....KCOL, Fort Collins
 Beebler, Elmer G.....KGEK, Sterling
 Benedict, Louis P.....KUBC, Montrose
 Blanchard, Robert R.....KTLN, Denver
 Brewer, Harry.....KFKA, Greeley
 Dobbins, Blair.....KBOL, Boulder
 Ekrem, T. C.....KVOJ, Denver
 Emrich, Paul.....KYOU, Greeley
 Figal, John.....KPHC, Walsenburg
 Hay, Charles.....KFXJ, Grand Junction
 Hoffman, Harold.....KIUP, Durango
 James, Glen.....KMYR, Denver
 Kettle, George.....KGIW, Alamosa
 Mason, Harry.....KCSJ, Pueblo
 Morrissey, Tom G.....KFEL, Denver
 Owen, Robert H.....KOA, Denver
 Pyle, W. D.....KVOD, Denver
 Rohrer, Joseph H.....KRDO, Colorado Springs
 Shanks, Willis C.....KGFH, Pueblo
 Strang, Cozine.....KVOR, Colorado Springs
 Towne, D. E.....KLMR, Lamar
 Walker, Andrew.....KRAI, Craig
 Wehrman, Harvey E.....KLZ, Denver
 Wilson, Lloyd.....KOKO, La Juanta
 Wilson, Lloyd.....KSFT, Trinidad

Connecticut

Atkinson, William R.....WKNB, New Britain
 Brennan, Don.....WWCO, Waterbury
 De Laurentis, Vincent.....WNHC, New Haven
 Gellman, Ernest.....WAVZ, New Haven
 Hales, Frank B.....WBRY, Waterbury
 Hitchcock, Webster T.....WTOR, Torrington
 Holt, Cayford A.....WLIZ, Bridgeport

Holt, Rogers.....WONS, Hartford
 Jensen, Russel.....WATR, Waterbury
 Keich, George P.....WICC, Bridgeport
 King, Fed.....WELI, New Haven
 Langfelder, Gabriel.....WMMW, Meriden
 Markinan, Edward L.....WSTC, Stamford
 Martino, Ialo A.....WDRG, Hartford
 Masini, Charles S.....WTHT, Hartford
 Morey, Gerald J.....WNLG, New Haven
 Pallokat, Alfred F.....WLOR, Torrington
 Stephens, Edward.....WBIS, Bristol
 Taylor, Herman.....WTIC, Hartford
 Thomas, Harold.....WNAB, Bridgeport
 Wessenberg, Howard.....WCCC, Hartford
 Winter, Charles W.....WNLK, Norwalk

Delaware

Eckstein, Herbert.....WAMS, Wilmington
 Evans, William C.....WDOV, Dover
 Kennedy, Edwin.....WILM, Wilmington
 Mathiot, J. E.....WDBL, Wilmington
 Neuhaus, Wayne.....WTUX, Wilmington

District of Columbia

Beville, Ross H.....WVDC, Washington
 Cannon, Ralph E., Jr.....WINX, Washington
 Cooper, Donald.....WRC, Washington
 Harvey, Frank.....WMAL, Washington
 Hunt, Clyde.....WTOP, Washington
 Martin, Robert B.....WQQW, Washington
 Reed, Harold.....WOL, Washington

Florida

Askew, Bill.....WQVS, Jacksonville
 Betts, Arthur.....WDHL, Bradenton
 Brown, Emerson.....WTRR, Sanford
 Callahan, W. P.....WTMC, Ocala
 Callan, John.....WTAN, Clearwater
 Castle, Charles.....WIBF, Leesburg
 Chamberlin, R. M.....WGGG, Gainesville
 Clemans, C. S.....WQWN, Belle Glade
 Clifton, Charles.....WRIH, Tallahassee
 Craig, L. Orden.....WSIR, Winter Haven
 Daniel, W. Dodd, Jr.....WOP, Orlando
 Dashiell, Gene.....WHOO, Orlando
 Donovan, James R.....WPDQ, Jacksonville
 Ellenwood, Webster K.....WMTJ, Daytona Beach
 Evenden, Lewis.....WJVB, Jacksonville Beach
 Grant, James E.....WSPB, Sarasota
 Grove, Howard.....WEAR, Pensacola
 Harris, Homer.....WVWF, Key West
 Hayford, Beecher.....WIHP, Jacksonville
 Heath, Harold.....WCOA, Pensacola
 Heitzman, William P.....WIRK, West Palm Beach
 Hopkins, John T., III.....WJAX, Jacksonville
 Kinney, Walt E.....WBAY, Coral Gables
 Kirkland, Martin C.....WEUS, Eustis
 Knoche, James W.....WIVY, Jacksonville
 Lee, William P.....WIAK, Lakeland
 Legg, Harold.....WCLE, Clearwater
 Link, Louis J.....WSUN, St. Petersburg
 McCall, L. C.....WWPF, Palatka
 McConnell, Duane.....WRUF, Gainesville
 McLellan, Charles.....WHBO, Tampa
 Mansold, William D.....WTSP, St. Petersburg
 Mead, G. Bert.....WBSR, Pensacola
 Miller, Jack.....WMBM, Miami Beach
 Mitchell, Joseph.....WFLA, Tampa
 Moore, Fred F.....WVNB, Daytona Beach
 Moore, William P.....WDPA, Tampa
 Prestwood, Franklin.....WCNU, Crestview
 Raistrick, Ernest.....WFOY, St. Augustine
 Reuter, Christian.....WTYS, Marianna
 Rider, Gene.....WQAM, Miami
 Scott, Elmer.....WDLP, Panama City
 Scott, F. A.....WROD, Daytona Beach
 Scott, H. A.....WORZ, Orlando
 Scott, Milton C.....WIOD, Miami
 Sheets, Howard O.....WFTL, Ft. Lauderdale
 Sheetz, William A.....WNIE, Miami
 Shropshire, Albert.....WGBS, Miami
 Singleton, Bruce.....WDSR, Lake City
 Smith, Arthur P., Jr.....WKAT, Miami Beach
 Snowden, W. A., Jr.....WTAL, Tallahassee
 Sowinski, James.....WIRA, Fort Pierce
 Spruill, Richard.....WEAT, Lake Worth
 Tison, J. B.....WALT, Tampa
 Vance, John, Jr.....WINK, Fort Myers
 Vickers, Edward.....WVCG, Coral Gables
 Vordermark, Ernest B.....WMBR, Jacksonville
 Walkden, Clyde E.....WWPG, Palm Beach

Chief Engineers

Waltz, Kenneth R. WMMB, Melbourne
 Watkins, C. E. WLNZ, Hollywood
 Wright, Otis C. WJNO, West Palm Beach
 Yarbrough, J. E. WDBO, Orlando

Georgia

Aderhold, Harvey. WCON, Atlanta
 Akerman, Ben. WGST, Atlanta
 Andrews, John S. WBLJ, Dalton
 Bates, Bill. WTWA, Thomson
 Beaty, Lamar. WMGA, Moultrie
 Bobo, Rabun F. WRDW, Augusta
 Brannen, Lynne. WFOM, Marietta
 Brown, Hudoe. WSAC, Columbus
 Brown, Keith F. WGCA, Gainsville
 Callicott, C. M. WTNT, Augusta
 Church, Ernest. WKLY, Hartwell
 Cram, Paul B. WAGA, Atlanta
 Daugherty, C. F. WSB, Atlanta
 Dennis, Ralph. WGOV, Valdosta
 Drewry, L. D. WRFC, Athens
 Duke, Tommy. WDEC, Americus
 Evans, Bill. WGAU, Athens
 Gamble, Joe A. WRBL, Columbus
 Goodrich, H. S. WBML, Macon
 Hanssen, Thomas. WBFB, Fitzgerald
 Hattaway, Robbie O. WMVG, Milledgeville
 Holt, David J. WBGE, Atlanta
 Honey, Jim. WDWB, Dawson
 Hooper, Chesley F. WLBB, Carrollton
 Hunt, G. C. WGAA, Cedartown
 Jewett, Howard. WDAK, Savannah
 Jones, Randy. WDAK, Columbus
 Jones, W. G. WRQN, Vidalia
 Jopling, John P. WGAC, Augusta
 Kennedy, Bill. WERD, Atlanta
 Kibler, Ambrose. WNEK, Macon
 Lange, William F. WQXI, Atlanta (Buckhead)
 Lester, Milo. WKMA, Quitman
 Lewis, Clinton J. WWSN, Statesboro
 Lord, Charlie R. WMLT, Dublin
 Lowry, Ken. WROM, Rome
 McClung, W. C. WGPC, Albany
 McKay, James. WLAG, LaGrange
 Magill, R. R. WRLD, West Point
 Mallory, K. T. WKTG, Thomasville
 Maxwell, Tom. WIBB, Macon
 Meeks, Carl J. WLBT, Toccoa
 Moats, William E. WCCP, Savannah
 Owen, Reeve R. WTOG, Savannah
 Poole, James. WPAX, Thomasville
 Rankin, George P. WMAZ, Macon
 Roberts, Wendell C. WWGS, Tifton
 Ruckle, Ernest. WALB, Albany
 Scott, Daniel B. WLAQ, Rome
 Slaughter, Robert G. WBHF, Cartersville
 Starr, R. L. WRGA, Rome
 Thompson, M. E. WSAV, Savannah
 Weiss, George G. WBBO, Augusta
 Welch, Walter O. WCOH, Newnan
 White, Robert L. Jr. WMOC, Covington
 Whitley, G. H. Jr. WKBU, Griffin
 Wilder, James M. WFRP, Savannah
 Wiseley, John H. WGBA, Oolambah
 Woodson, Al. WDMG, Douglas

Idaho

Burgess, Jerry. KCID, Caldwell
 Call, Ellis W. KSEI, Pocatello
 Carlson, Jim. KWEL, Weiser
 Cox, Ver. KVMV, Twin Falls
 Dennis, Julian. KEYY, Pocatello
 Dreher, Turner, Ga. KWAL, Wallace
 Egelston, Richard. KGEM, Boise
 Hurt, Edward. KFSD, Nampa
 Hutton, William. KPNF, Shwandoah
 James, Lloyd. KLTX, Twin Falls
 Johntz, James A., Jr. KDSH, Boise
 Layne, C. N. KLD, Idaho Falls
 Malone, George. KTFF, Twin Falls
 Musulin, Denzil. KEIO, Pocatello
 Nelson, Blair. KIFI, Idaho Falls
 Oleson, Howard. KVIN, Coeur d'Alene
 Pinney, Donald. KBIO, Burley
 Toedemeier, Harold W. KIDO, Boise
 Wilson, Gene. KRLC, Lewiston
 Young, Herbert D. KRPL, Moscow

Illinois

Bailey, Fred. WJBC, Bloomington
 Barker, Vincent S. WFRL, Freeport
 Baum, Jack R. WDWS, Champaign
 Brugger, John R. WILL, Urbana
 Cassens, G. J. WLDS, Jacksonville
 DeCosta, Lester. WJOL, Joliet
 Dewing, H. L. WCVS, Springfield
 DeWitt, Clayton C. WLKB, DeKalb
 Ebel, A. James. WDWZ, Tuscola
 Ebel, James A. WMBD, Peoria
 Fisher, Edward. WHOW, Clinton
 Franklin, Scott. WCRA, Effingham
 Frye, A. P. WMBI, Chicago
 Gladson, Elmer L. WEBQ, Harrisburg
 Haerle, John. WGEM, Quincy
 Horstman, Ed. WENR, Chicago
 Jacker, Edward W. WATT, Chicago
 Harrell, Robert. WKAN, Kankakee
 Hayes, E. P. WHFC, Cicero
 Horine, Carl. WWXL, Peoria
 Kitner, John. WMRO, Aurora
 Lewicki, Chester. WFDC, Chicago
 Livesay, Ray. WLBN, Mattoon
 Lunkinen, Rudolph. WIRL, Peoria
 Luttgens, Howard C. WMAQ, Chicago
 Lynch, Larry. WQUA, Moline
 McCann, Lawrence. WLPO, LaSalle
 Magin, T. G. WDN, Danville
 Meyers, Carl J. WGN, Chicago
 Miller, Adron. WMIX, Mt. Vernon
 Mollring, Marvin M. WIBV, Belleville
 Myers, Walter F. WJJD, Chicago
 North, Dwight. WCNT, Centralia
 Parks, Vernon H. WMMJ, Peoria
 Payton, Thomas, Jr. WOKZ, Alton
 Plotts, Elery L. WGES, Chicago
 Prandoni, Emil. WSVI, Pekin
 Riggins, Maurice. WKAI, Macomb
 Rowe, Thomas. WLS, Chicago
 Sawyer, Marion. WCIL, Carbondale
 Scandrett, E. D. WGIL, Galesburg
 Schnedorf, L. WNNP, Evanston
 Shirk, Kenneth C. WIND, Chicago
 Sিনnett, Robert J. WBFB, Rock Island
 Smith, Willfred A. WROK, Rockford
 Stockberger, John. WBYS, Canton
 Swaringen C. E. WTAX, Springfield
 Ulrich, Carl W. WAAF, Chicago
 Weber, James H. WVLN, Olney
 White, Clinton R. WCRW, Chicago
 White, Erle E. WTMV, East St. Louis
 Whitman, Urlin. WTD, Quincy
 Willett, Charles. WCFL, Chicago
 Wooster, Aiden F. WEEK, Peoria
 Yandell, Ryburn. WJPF, Herrin

Indiana

Adams, Harry. WIBC, Indianapolis
 Aiden, Eugene E. WIRE, Indianapolis
 Aiden, Eugene, E. WAOV, Vincennes
 Aldrich, Donald. WBOW, Terre Haute
 Alter, Charles. WXIV, Indianapolis
 Bock, F. J. WJVA, South Bend
 Brewer, James R. WTCJ, Tell City
 Chose, Eugene A. WFTW, Fort Wayne
 Cole, Herbert G. WSBT, South Bend
 Copeland, Thomas J. WKJG, Fort Wayne
 Crain, Maury. WLBC, Muncie
 Duning, L. J. WKBV, Richmond
 Felts, T. R. WTHI, Terre Haute
 Garba, Harry. WASK, Lafayette
 Gresham, Stokes Jr. WISH, Indianapolis
 Huffman, Gilbert. WJPS, Evansville
 Holland, Harold. WFBI, Indianapolis
 Holzapfel, Donald. WGL, Fort Wayne
 Maltby, David. WHOT, South Bend
 Moseby James. WITZ, Jasper & Huntington
 Palmer, George. WKMO, Kokomo
 Peters, Jess. WJOB, Hammond
 Ratts, Bruce. WOWO, Fort Wayne
 Rector, Chester. WIOU, Kokomo
 Rolfe, James. WSUA, Bloomington
 Routh, Kenneth. WCBC, Anderson
 Schilling, Robert. WIMS, Michigan City

Schoeny Erwin P. WGBF, Evansville
 Shroyer, L. M. WHBU, Anderson
 Stollz George F. WIKY, Evansville
 Townsley, Ralph R. WBAA, West Lafayette
 Vick, John WANE, Fort Wayne
 Weigel, Morton WTTT, Bloomington
 Westfall, Charles E. WBAT, Marion
 Wilson, Robert WEOA, Evansville
 Zollmer, L. W. WTRC, Elkhart

Iowa

Amoo, Lloyd R. KIOA, Des Moines
 Anderson, Herbert G. KFJB, Marshalltown
 Andrew, Gil KROS, Clinton
 Arvidson Paul G. WOC, Davenport
 Ashby, Willis L. KXGI, Fort Madison
 Bartlett, F. E. KSO, Des Moines
 Brown, Bob KCBC, Des Moines
 Caldwell, Kenneth M. KCRG, Cedar Rapids
 Christenson, Elmer KWPC, Muscatine
 Dier, S. C. KSCJ, Sioux City
 Duncan, Jack KSMN, Mason City
 Easterly, Willard KTRI, Sioux City
 Eitheim, Curtis KDEC, Decorah
 Frazee, Alvin M. KOKX, Keokuk
 Full Elliott KXIC, Iowa City
 Gallino, John KBUR, Burlington
 Hall, Robert W. KSWI, Council Bluffs
 Hancock, Robert J. KDTH, Dubuque
 Hatchet, Wayne J. KBIZ, Ottumwa
 Hixenbaugh, George WMT, Cedar Rapids
 Kassner, Donald E. KXEL, Waterloo
 Lawson, Larry KICM, Mason City
 Polen, Louis A. KSI, Creston
 Quentin, Charles KRNT, Des Moines
 Sawyer Roger E. KGLO, Mason City
 Schaeffer, C. R. KAYX, Waterloo
 Schroeder, R. J. KMA, Shenandoah
 Schwarz, Werner KWDM, Des Moines
 Sinclair, David G. KVFD, Fort Dodge
 Snyder, Reed E. WHO, Des Moines
 Tny, Clarence KICD, Spencer
 Uyeoka, John WKBB, Dubuque
 Woodard, Charles KAYL, Storm Lake

Kansas

Bliesner, Carl B. WREN, Topeka
 Brosseau W. D. KSEK, Pittsburg
 Bryant, Bob KIUL, Garden City
 Butterfield, Harry C. KIND, Independence
 Clary, Millary KWHK, Hutchinson
 Dadisman, Amos C. KFH, Wichita
 Daniels, Paul H. KTSW, Emporia
 Heithecker, Ted KANS, Wichita
 Howe, Edward H. KSOK, Arkansas City
 Jaminet, J. S. KGGF, Coffeyville
 Lynch, U. L. KXXX, Colby
 McClintock Henry KGNO, Dodge City
 Marquardt, K. G. KCKN, Kansas City
 Marquardt, K. G. WIBW, Topeka
 Newby, Harold KAKE, Wichita
 Pyle, K. W. KFBI, Wichita
 Stafford, Leo KOAM, Pittsburg
 Stevenson, David R. KTOP, Topeka
 Swafford, John KWBW, Hutchinson
 Vance, N. E. Jr. KSAL, Salina
 Wallack, Chester A. KVGB, Great Bend

Kentucky

Adams, Eugene S. WKIC, Hazard
 Agostine, John WSFC, Somerset
 Crawley, J. B. WTCO, Campbellsville
 Drake, Elmer C. WNOP, Newport
 Dunbar Paul WVLK, Versailles
 Esten, Perry WGRG, Louisville
 Goodaker, Leslie WOMI, Owensboro
 Greenwood, John WHLN, Harlan
 Hargrove, Joseph M. WKTM, Mayfield
 Helt, Sanford WLAP, Lexington
 Henson, Russell WCTT, Corbin
 Hudson, Wilbur WAVE, Louisville
 Jagoc, Robert E. WVJS, Owensboro
 Lemond, Lynn WNGO, Mayfield
 Lockwood, Edward C. WKAY, Glasgow
 McGown, Neal WKCT, Bowling Green
 Martin William WPTM, Maysville
 Mendenhall, George WMIK, Middlesboro
 Mick, Evers WCIF, Madisonville

Miller, Rondal L. WLB, Bowling Green
 Morris, U. C. WPAD, Paducah
 Nunn, Vernon R. WSON, Henderson
 Picazo, M. E. WMTC, Vancelev
 Rinn, E. R. WINN, Louisville
 Roach, Wallis WFKY, Frankfort
 Sims, C. G. WKYB, Paducah
 Summerford D. C. WKLO, Louisville
 Townner, Orring W. WHAS, Louisville
 Warner, Otho WLEX, Lexington
 Washington, Richard WZIP, Covington
 Weaver, Clarence WCM, Ashland
 Wilson, Leo Y. WHOP, Hopkinsville
 Yount, Bill WKLX, Lexington

Louisiana

Anderson, Gordon KROF, Abbeville
 Antony, W. E. KWKH, Shreveport
 Baily, Clovis L. KSG, Crowley
 Blacketer Jack KWSL, Lake Charles
 Bloom, J. D., Jr. WWL, New Orleans
 Bourgeois, Albert WNOE, New Orleans
 Carlson, L. J. KENT, Shreveport
 Case, E. E. WCLA, Baton Rouge
 Craft, A. B. KPCL, Lake Charles
 Crew, Carroll G. KWJC, Natchitoches
 Dudley, Vernon E. WJBO, Baton Rouge
 Eckhardt, S. E. KTRY, Bastrop
 Goulden, Carl KRMD, Shreveport
 Hebert, Freddie KSL, Opelousas
 Hook, C. T. KVOL, Lafayette
 Jones, Donald L. KCIL, Houma
 McDonald E. W. KSYL, Alexandria
 Maddox, C. H. KTBS, Shreveport
 Mayord, George A. WJMR, New Orleans
 Mondy, Harrison WJWE, New Orleans
 Morgan, O. L. KMLB, Monroe
 Peebles, Glenn KGOV, Alexandria
 Priehard, Errett KANE, New Iberia
 Ratliff, Jack KNOE, Monroe
 Riddle, Lindsay WDSU, New Orleans
 Sexton, Jesse R. KALB, Alexandria
 Shean Henry KRUS, Ruston
 Van Valkenburg, Edward WLCS, Baton Rouge
 Vargo, Andrew KLOU, Lake Charles
 Whitney, Charles WJBW, New Orleans

Maine

Crandon, Fred G. WCSH, Portland
 Dickson, Walter WABI, Bangor
 Dinsmore, Harold T. WRDO, Augusta
 Hall, Leslie R. WLAM, Lewiston
 Hession, Gerlad G. WMTW, Portland
 Hodgkins, Robert W. WGAN, Portland
 Hughes Lester E. WAGM, Presque Isle
 MacGown, Lauris P. WGUY, Bangor
 Mason, Donald WCOU, Lewiston
 Parker, Robert H. WFAU, Augusta
 Perry, Roger L. WFOR, Portland
 Sutherland, Donald H. WTVL, Waterville
 Velardi, Stephen WJOR, Bangor
 Wibby, John WLBZ, Bangor

Maryland

Brewer, Harold G. WARK, Hagerstown
 Burns, Howard M., Jr. WCUM, Cumberland
 Chacous, Nicholas J. WGAY, Silver Springs
 Duff, James S. WTH, Ba timore
 Fisher, Frederick W. WCMD, Cambridge
 Gilbert, James WOOK, Silver Springs
 Harris, Bruce W. WANN, Annapolis
 Horston, G. Porter WCBM, Baltimore
 Jones, Martin L. WCAO, Baltimore
 Kuntz, William O. WASA, Havre de Grace
 Leck, Stanley, Jr. WASL, Annapolis
 McIntire, George WJEF, Hagerstown
 Morgan, Russel H. WBMD, Baltimore
 Ranft, William Q. WFRB, Baltimore
 Robertson, James W. WFMD, Frederick
 See, Harold WBAL, Baltimore
 Selleck, William WTBO, Cumberland
 Story, Vernon WECC, Bethesda-Chevy Chase
 Ward, Jack W. WBOC, Salesbury
 Wolfe, Ben WSID, Baltimore

Massachusetts

Baldwin, Philip K. WHDH, Boston

Chief Engineers

Bartol, Frank.....WKOX, Framingham
 Bonney, J. C.....WCRB, Waltham
 Browning, E. A.....WTAQ, Worcester
 Crandell, Ervin.....WYOM, Boston
 Dailey, William B.....WMNB, North Adams
 Davis, Harold.....WCOC, Lawrence
 Dorschug, Harold A.....WEEL, Boston
 Duffy, John.....WJDA, Quincy
 Emery, Stanley.....WNBH, New Bedford
 Emery, Stanley S.....WOCB, West Yarmouth
 Grahm, Joseph.....WAAB, Worcester
 Hale, Roland C.....WCOP, Boston
 Hauser, W. H.....WBZ, Boston-Springfield
 Hinckley, George A.....WLAW, Lawrence
 Hurd, Paul A.....WHAV, Haverhill
 Joslin, Fred.....WRMS, Ware
 Kallin, Ted.....WEIM, Fitchburg
 Lavendall, Leonard.....WBKR, Pittsfield
 MacAdam, Mark L.....WBKA, Brockton
 Memishian, John.....WMEX, Boston
 Michaels, A. G.....WLLH, Lowell, Lawrence
 Michnovetz, John.....WMA5, Springfield
 Paley, Jack.....WHYN, Holyoke
 Parker, John W.....WQRL, Boston
 Parker, John.....WLYN, Lynn
 Pavao, John.....WSAR, Fall River
 Randel, Harold.....WBZA, Boston-Springfield
 Rattigan, Herbert.....WBMS, Boston
 Reilly, Lawrence A.....WSPR, Springfield
 Robinson, Irving B.....WNAC, Boston
 Robinson, Ralph J.....WACE, Chicopee
 Smith, Charles H.....WKOB, North Adams
 Spales, James L.....WBEC, Pittsfield
 Vincent, Parker.....WHOB, Gardner
 Wheeler, Leland F.....WHAI, Greenfield
 Wilson, Vernon P.....WNEB, Worcester

Michigan

Allen, James W.....WHRV, Ann Arbor
 Berry, Robert W.....WMIQ, Iron Mountain
 Blumerich, Homer.....WMRP, Flint
 Bristol, S.....WOAP, Owosso
 Burgan, George L.....WHDF, Houghton
 Carpenter, Ralph H.....WBCM, Bay City
 Carter, W. C.....CKLW, Detroit-Windsor
 Clark, Edward H.....WJLB, Detroit
 Conant, Leslie.....WHLS, Port Huron
 Dahlbacka, Arne.....WJMS, Ironwood
 Dewey, Charles W. Jr.....WBECK, Battle Creek
 Fallain, Frank D.....WPDF, Flint
 Forsyth, Ed.....WWOK, Flint
 Foster, Jack W.....WDBC, Escanaba
 Frincke, Paul.....WDBK, Detroit
 Griner, Gail D.....WABJ, Adrian
 Groenevelt, Richard.....WGRD, Grand Rapids
 Hull, Clyde J.....WKLA, Lunington
 Jones, Darrell.....WTAC, Flint
 Kaari, Eugene.....WIKB, Iron Mountain
 Kiker, William.....WATZ, Alpena
 Koerner, Meredith.....WSAM, Saginaw
 Kotcher, Charles.....WXYZ, Detroit
 Krivitsky, George.....WMUS, Muskegon
 Lee, Carl E.....WJEF, Grand Rapids
 Lee, Carl E.....WKZO, Kalamazoo
 Leydorf, G. F.....WJR, Detroit
 Love, E. J.....WWJ, Detroit
 Maloney, Bernard R.....WJPD, Ishpeming
 Martin, Jerrold.....WKMH, Dearborn
 Morris, William F.....WSOO, Sault St. Marie
 Pendleton, Kenneth.....WKBZ, Muskegon
 Pomeroy, John C.....WLS, Lansing
 Robinson, Munson U.....WBHF, Benton Harbor
 Russell, Fred.....WOOD, Grand Rapids
 Ryan, G. Elwood.....WBBC, Flint, Mich.
 Sparks, Garnet Q.....WEXL, Royal Oak
 Stearns, George D.....WPAO, Ann Arbor
 Stephens, Carl E.....WGFG, Kalamazoo
 Stevens, Lee.....WLA V, Grand Rapids
 Stone, Earl J.....WELL, Battle Creek
 Stoner, Marion.....WTH, Port Huron
 Thomas, Mae.....WKNX, Saginaw
 Tunmer, John D.....WFUR, Grand Rapids
 Westrate, Millard C.....WHTC, Holland
 Wirtanen, Charles.....WIBM, Jackson

Minnesota

Allen, Harold E.....KDGE, Fergus Falls
 Beloungy, J. J.....WCCO, Minneapolis
 Bothman, A. J.....KTRF, Thief River Falls
 Cross, Bob.....KRCC, Rochester
 Dettman, Robert A.....KDAL, Duluth
 Fessemeyer, Ross A.....KBZY, Grand Rapids
 Fritze, Warren.....WMIN, St. Paul
 Gander, Darle F.....WLXT, Ely
 Geiken, Don.....KVOX, Moorhead
 Gill, Norman.....WEBC, Duluth
 Gill, Norman.....WHLB, Virginia; WMFG, Hibbing
 Houts, James.....KYSM, Mankato
 Hyde, John E.....KDHL, Fairbault
 Jacobs, Merrill.....KBUN, Bemidji
 Johnson, Stanley.....KQNO, Winona
 Kiewel, William.....KROX, Crookston
 Klein, Gen.....KAUS, Austin
 Knapp, Clinton W.....KOWA, Worthington
 Laskey, Melvin J.....WEVE, Eveleth
 Linder, Larry.....KATE, Albert Lea
 Linder, Willard.....KWLM, Willmar
 Lounsberry, William.....WRFX, Duluth
 McMahon, John.....KTSP, Minneapolis-St. Paul
 Sherman, John.....WTCN, Minneapolis-St. Paul
 Vanderslus, Arthur.....KLIZ, Brainerd
 Willard, Linder.....KMHL, Marshall
 Winkler, Charles W.....WDGY, Minneapolis
 Witschen, Robert.....KPFM, St. Cloud

Mississippi

Benson, G. G.....WRBC, Jackson
 Betmarik, Al.....WMOX, Meridian
 Brady, Phillip.....WAPF, McComb
 Breland, Ed.....WAML, Laurel
 Drake, C. E.....WQBC, Vicksburg
 Essary, William M.....WCMA, Corinth
 Flinspach, D. A.....WAZF, Yazoo City
 Frantz, F. H.....WHOC, Philadelphia
 Green, LeRoy.....WELO, Tupelo
 King, John E.....WROB, West Point
 Kuhn, Percy L.....WJPR, Greenville
 Lewis, W. A.....WVJM, Vicksburg
 McFerrin, Thomas.....WCBT, Columbus
 McLemore, B. B.....WFOR, Hattiesburg
 Majure, Thomas B.....WLOX, Biloxi
 Murphy, Donovan.....WGCN, Gulfport
 Perkins, C. A.....WLSI, Jackson
 Pierce, Ed.....WLAU, Laurel
 Pierce, Lotus.....WGRM, Greenwood
 Ray, George C.....WKOZ, Kosciusko
 Root, Percy G.....WJDX, Jackson
 Sanders, Robert Louis.....WSKB, McComb
 Saxon, Joe H.....WTOK, Meridian
 Tolar, Ray.....WCOJ, Columbia
 Wilson, R.....WROX, Clarksdale

Missouri

Barker, Kermit.....KREI, Farmington
 Bauer, Fritz.....KWTC, Springfield
 Brauhm, Leon.....KIXE, Kirksville
 Conner, Robert.....KBOA, Kennett
 Curry, William F.....KTTS, Springfield
 Flahertz, J. A.....WDAF, Kansas City
 Fleet, John H.....KSTL, St. Louis
 Goldenberg, Henry.....WHE, Kansas City
 Goodberlet, Edward.....WIL, St. Louis
 Hackman, Leroy S.....KWOS, Jefferson City
 Haigh, Robert.....KFRU, Columbia
 Harrison, Austin A.....KSWM, Joplin
 Harvey, Harry.....KMOX, St. Louis
 Hendry, E. L.....KLWT, Lebanon
 Hirsch, Ralph.....KSM, Sikeston
 Koch, Wesley, J.....KFQE, St. Joseph
 Langford, Jack.....KDMO, Carthage
 Lidenton, Don L.....KWOC, Popular Bluff
 Meador, Ralph.....KFBS, Joplin
 Meek, Dick.....WMBH, Joplin
 Mitchum, Martin M.....KTTB, Rolla
 Moler, Ray.....KMBC, Kansas City
 Moler, Ray.....KFRM, Kansas City
 Parrish, Ben.....KHMO, Hannibal
 Rekarl, Arthur F.....KXOK, St. Louis

Rose, Murel L. KSGM, Ste. Genevieve
 Ryan, Eldon. KIMO, Independence
 Troeglen, Karl. KCMO, Kansas City
 Volk, Joseph A. WEW, St. Louis
 Weisman, Charles. KRES, St. Joseph
 White, E. Dennis. KGBX, Springfield
 Zehr, N. J. KWK, St. Louis

Montana

Anderegg, Don. KBOW, Butte
 Bauer, George H. KOJM, Havre
 Bunker, Eugene. KMON, Great Falls
 Farrance, Kenneth. KANA, Anaconda
 Fulchino, Sal. KAVR, Havre
 Halvorson, O. H. KGCX, Sidney
 Hildebrand, Theodore. KBY, Billings
 Kukkola, E. R. KXLK, Great Falls
 Myhre, Wilbur L. KFBB, Great Falls
 Parker, W. R. KXLO, Lewiston
 Patterson, William H. KGEZ, Kalispell
 Penwell, Norm. KPRK, Livingston
 Provis, Jack. KXIQ, Bozeman
 Provis, W. J. KXLF, Butte
 Scofield, Charles. KRJF, Miles City
 Skidmore, Jim. KOPR, Butte
 Smith, F. W. E. KXLL, Missoula
 Velo, Richard. KIYI, Shelby

Nebraska

Allison, Duane B. KHAS, Hastings
 Blakesley, Jay. KODY, North Platte
 Hardy, Harold. KJSK, Columbus
 Hutton, William. KFNE, Lincoln
 Korinek, M. J. KOLN, Lincoln
 Kotera, William J. WOW, Omaha
 Larson, Norval. KMMJ, Grand Island
 Leonard, Paul. KBRL, McCook
 Lewis, Jack. KGFV, Kearney
 Morrison, Harland. KOLT, Scottsbluff
 Proctor, Les. KNEB, Scottsbluff
 Wiedenbach, Frank. WJAG, Norfolk
 Winkler, Charles W. KOIL, Omaha
 Winkler, Charles W. KPOR, Lincoln
 Zeigler, Percy. KBON, Omaha
 Zeigler, Percy. KORN, Fremont

Nevada

Comer, Wilbur C. KWRN, Reno
 Craig, Wesley. KOH, Reno
 Harford, James W. KENO, Las Vegas
 Peterson, Merle. KOLO, Reno
 Van Welch, Evard. KELK, Elko
 Wittengerg, R. K. KATO, Reno
 Young, Fred. KRAM, Las Vegas

New Hampshire

Avery, Walter. WLNH, Laconia
 Batchelder, Ernest F. Jr. WKNE, Keene
 Bingham, Robert C. WOTW, Nashua
 Chandler, Vincent. WMUR, Manchester
 Davis, George. WKXL, Concord
 Hennessey, James F. WMOU, Berlin
 Lindsay, Paul G. WHEB, Portsmouth
 Phillips, Royston. WKBR, Manchester
 Schow, Reginald. WFEA, Manchester

New Jersey

Bremer, Frank V. WAAT, Newark
 Fekel, Frances. WSNJ, Bridgeton
 Foster, Herman. WHEI, Newark
 Godfrey, Earle. WBAB, Atlantic City
 Kikmer, Theodore P. WTTM, Trenton
 Knight, Quincy. WMD, Atlantic City
 Lucas, Earl F. WPAT, Paterson
 Mullen, C. V. WWBZ, Vineland
 Onas, C. E. WCAM, Camden
 Porter, Matthew. WCAP, Asbury Park
 Prow, Rudolph C. WMT, Morristown
 Steiger, George. WHOM, Jersey City
 Testan, Peter. WUNJ, Newark
 Thron, Blair K. WFPG, Atlantic City
 Wolff, F. J. WTNJ, Trenton

New Mexico

Dean, K. M. KOBE, Las Cruces
 Dodds, Leonard F. KGGM, Albuquerque
 Hake, Lewis. KOAT, Albuquerque

Hughes, Vernon. KICA, Clovis
 Johnson, George S. KOB, Albuquerque
 Jones Burney. KSV, Artesia
 Keefer, Franklin P. KSIL, Silver City
 Lendy, Julian H. KRTN, Raton
 Morrison, John H. KVER, Albuquerque
 Sene, William. KAVE, Carlsbad
 Schultz, A. F. KFUN, Las Vegas
 Shirk, Reginald H. KCHS, Hot Springs
 Summersgill, Ray. KSW, Rosewell
 Tattan, Mark. KTRC, Santa Fe
 Vanderwood, E. J. KVSF, Santa Fe
 White, David Fred, Jr. KTNM, Tucumcari

New York

Atherton, Jack. WHDL, Olean
 Babkes, E. J. WWNH, Rochester
 Barron, William. WKRT, Cortland
 Bates, Wiley. WDOS, Oneonta
 Beck, Irvin P. WSNY, Schenectady
 Bell, Bernard. WVOS, Liberty
 Belle Isle, G. Armand. WSYR, Syracuse
 Blair, Robert N. WGAT, Utica
 Bonvouloir, Felix. WRNY, Rochester
 Brown, Charles. WEVD, New York
 Brown, Gordon P. WSAY, Rochester
 Callender, Fred. WBTA, Batavia
 Chrismark, A. H. WTRY, Troy
 Corey, James. WABY, Albany
 Czaplak, Gustave. WJLL, Niagara Falls
 Darlinton, Edward. WLIB, New York
 Davis, Maynard B. WJNY, Watertown
 Doscher, Deidrick. WALL, Middletown
 Dowell, John T. WIBX, Utica
 Duay, T. M. WEIM, Elmira
 Emch, Robert. WARC, Rochester
 Fiedler, Leroy. WKBW, Buffalo
 Fuelling, Paul. WGMG, New York
 Gardner, Kenneth. WHAM, Rochester
 Greene, R. Carleton. WGVA, Geneva
 Greene, Thurlow A. WENY, Elmira
 Hall, Ellsworth. WSLB, Ogdensburg
 Hallinan, Charles. WKOP, Binghamton
 Hanson, O. B. WNBC, New York
 Heisler, Charles. WROW, Albany
 Hoag, Dwelle S. WPT, Albany
 Hoffman, K. B. WGB, Buffalo
 Holt, Hillis. WOV, New York
 House, Herbert. WMB, Auburn
 Inman, Herbert. WKNY, Kingston
 Kelley, A. A. WINR, Binghamton
 Kelly, James. WFBL, Syracuse
 Kingsley, Ralph J. WBEN, Buffalo
 Knaack, Frank E. WHLI, Hempstead
 Kratzert, Harold J. WJTN, Jamestown
 Kunits, Paul von. WINS, New York
 Langham, Donald F. WAGE, Syracuse
 Layman, Harry E. WJOC, Jamestown
 Layton, Deforest T. Jr. WKAL, Rome-Utica
 Lyke, Irving F. WJET, Rochester
 McLean, True. WHCU, Ithaca
 Merchant, J. Harold. WENE, Endicott
 Milos, Robert. WGBB, Freeport
 Muir, Don. WOLF, Syracuse
 Nazak, Jack. WEAV, Plattsburg
 O'Brien, Bern C. WHEC, Rochester
 Pace, Earl C. WGLN, Glens Falls
 Poppele, J. R. WOR, New York
 Purcell, W. J. WGY, Schenectady
 Rauer, Guy. WCSS, Amsterdam
 Reumen, W. H. WWRL, New York
 Reisdorf, Bernard. WICY, Malone
 Ridgeway, Frank B. WEBR, Buffalo
 Sardi, Al. WOKO, Albany
 Schoenfuss, Arthur. WKXW, Albany
 Schryver, Donald. WATN, Watertown
 Schueler, John J. WXRA, Buffalo
 Seimes, Marvin S. WGN, WKIP, Poughkeepsie
 Seitz, Frank A. WFAS, White Plains
 Solorig, A. L. WBNX, New York
 Stantz, L. H. WNEF, Binghamton
 Stewart, Richard. WENT, Gloversville
 Tackach, Michael. WHUC, Hudson
 Tarkulich, Michael. WMSA, Massena
 Thomas, Joseph. WWSC, Glens Falls
 Thompson, R. G. WCB, New York
 Valentine, Russel D. WQXR, New York
 Versept, P. C. WMCA, New York
 Vines, Thomas L. WBNY, Buffalo

Chief Engineers

Weiner, Max.....WNEW, New York
 William, H. Berwind.....WNBZ, Saranac Lake
 Wilson Robert.....WELD, Niagara Falls

North Carolina

Abernethy, T. K.....WSIC, Statesville
 Alexander, L. H.....WFRG, Reidsville
 Alford, William H.....WFNC, Fayetteville
 Allison, Earl F.....WBIG, Greensboro
 Aycock, Harold.....WCEC, Rocky Mount
 Bailey, W. D.....WFLB, Fayetteville
 Ballew, Frank.....WMNC, Morgantown
 Brandon Thomas C.....WGLV, Charlotte
 Brock, Truman N.....WEWO, Laurinburg
 Burwell, William.....WCKB, Dunn
 Caldwell, Howard S.....WSTS, Southern Pines
 Caudle, L. L. Jr.....WSOC, Charlotte
 Cecil, Yancy.....WSPE, High Point
 Chambers, Bill.....WLOS, Asheville
 Chaudler, Charles D.....WCPS, Tarboro
 Chaney, A. L. Jr.....WAYS, Charlotte
 Chaney, A. L. Jr.....WCOG, Greensboro
 Covington, M. L.....WMAP, Monroe
 Cronk, Elmo.....WJNC, Jacksonville
 Cummins, Ray.....WMBL, Morehead City
 Davis, L. C.....WTOB, Winston-Salem
 Ducean, Virgil D.....WRAL, Raleigh
 Epperson, Ralph D.....WPAQ, Mt. Airy
 Fullen Roy E.....WDUK, Durham
 Groves, W. C. Jr.....WGCN, Gastonia
 Gullino, A. J.....WGNI, Wilmington
 Haire, Billy.....WHIT, New Bern
 Hamrick, William H.....WWNC, Asheville
 Hardison, David.....WKNS, Kinston
 Harvey, Robert.....WKBC, North Wilkesboro
 Heckart, Glenn.....WEKP, Hendersonville
 Hedrick, Phil.....WSJS, Winston-Salem
 Herring, E. I.....WMFD, Wilmington
 Hiland, Lewis.....WHNC, Henderson
 Hinson, Foy.....WGTL, Kannapolis
 Honeycutt, Fred.....WBUY, Lexington
 Hulick, Henry Jr.....WPTF, Raleigh
 Iwerks, Merton.....WBBO, Forest City
 Jolitz, Herman P.....WRRZ, Clinton
 Jordon, Alfred.....WVNF, Fayetteville
 Keith, Ed.....WENC, Whiteville
 King, Lee.....WAIR, Winston-Salem
 Koppels, Peter.....WEEB, Southern Pines
 Kyle, Joe.....WCNC, Elizabeth City
 Long, Dennis.....WNNC, Newton
 Long, Edmund S.....WHKY, Hickory
 Mackintosh, Thomas.....WFNS, Burlington
 Malone, W. H.....WGTM, Wilson
 Mayo, James.....WGTC, Greenville
 Meares, C. W.....WCBT, Roanoke Rapids
 Minor, M. J.....WBT, Charlotte
 Moore, Robert.....WMFR, High Point
 Munn, Matthew C.....WISE, Asheville
 Mnrphrey, I. G.....WRRF, Washington
 Norman, Edward.....WSSB, Durham
 Olive, Carey H.....WVGP, Sanford
 Penny, Clyde C.....WGWV, Asheboro
 Petty, James B.....WJLC, Gastonia
 Pickette, Carl.....WHHT, Durham
 Porter, Bascom E.....WNAO, Raleigh
 Randolph, John.....WNCA, Asheville
 Rogers, F. V.....WTSE, Lumberton
 Ruckert, Blaine.....WJRI, Lenoir
 Sherwood, John M.....WRCS, Aoshkie
 Silla, Cecil.....WADE, Wadesboro
 Stanton, Edwin M.....WEGO, Concord
 Stewart, James M.....WGBG, Greensboro
 Suggs, L. M.....WTNC, Thomasville
 Sumner, Charles W.....WSKY, Asheville
 Taylor, K. A.....WDNC, Durham
 Troutman, Elmer H.....WIRC, Hickory
 Trueblood, Daniel B.....WGBR, Goldsboro
 Tysor, Berry.....WBBS, Burlington
 Wagner, Frederick.....WGAL, Elizabeth City
 Wallace, Robert M.....WOHS, Shelby
 Watson, Carl B.....WSTP, Salisbury
 White, Artis A.....WTKK, Durham
 Wilburn, Frank.....WHCC, Waynesville
 Winn, Eldred.....WLCE, Leaksville
 Wynne, W. A.....WEED, Rocky Mount

North Dakota

Baker, C. W.....KLPM, Minot
 Barnett, Ray.....KGCU, Mandan
 Gabrielson, Olaf.....KFGO, Fargo
 Nelson, Ivar.....KFYR, Bismarck
 Moritz, Richard.....KDLR, Devils Lake
 Murphy, Patrick J.....KNOX, Grand Forks
 Petrich, Arnold P.....KILQ, Grand Forks
 Prochaska, Quentin.....KDIX, Dickinson
 Ridgway, Robert E.....KSJB, Jamestown
 Savold, Juline.....WDAY, Fargo
 Sjostrom, Charles.....KOVG, Valley City

Ohio

Adams, Ernest L.....WHIO, Dayton
 Albers, Ralph.....WBEX, Chillicothe
 Beckwith, Lorraine.....WPFB, Middletown
 Brinkman, Harold.....WEOL, Elyra
 Buehrle, George.....WLEG, Sandusky
 Bushong, Victor L.....WIZE, Springfield
 Clark, Charles E.....WMOA, Marietta
 Cowen, George.....WTRF, Bellair
 Davis, Glen A.....WCPO, Cincinnati
 DeConnick, Leo.....WCOL, Columbus
 Delany, R. H.....WHK, Cleveland
 Dieringer, Frank A.....WFMJ, Youngstown
 Girt, Charles H., Jr.....WCMW, Canton
 Grunder, Russell.....WWST, Wooster
 Hartmeyer, Elmer C.....WHEZ, Zanesville
 Higgins, Alan.....WJEL, Springfield
 Hill, Jim.....WHKK, Akron
 Holmes, Harold.....WTOL, Toledo
 House, Lloyd.....WING, Dayton
 Hunter, Darrel.....WLOK, Lima
 Jones, Ben.....WTNS, Coshocton
 Kinney, Robert V.....WRRN, Warren
 Knopp, Irwin L.....WAKR, Akron
 Leonard, S. E.....WTAM, Cleveland
 London, Byron F.....WPTW, Piqua
 McCasland, Gerald.....WWSO, Springfield
 Minor, William B.....WHKC, Columbus
 Morrison, William.....WMAN, Mansfield
 Myers, Maurice L.....WPAY, Portsmouth
 Peters, Frances Joseph.....WMRM, Marion
 Nafzger, Lester H.....WBNS, Columbus
 Pierce, Morris R.....WGAR, Cleveland
 Randles, Wesley C.....WILE, Cambridge
 Roberts, Gerald G.....WJFW, Cleveland
 Rockwell, R. J.....WLW, Cincinnati
 Schaefer, Frank W., Jr.....WLIO, East Liverpool
 Searl, T. F.....WICA, Ashtabula
 Shepherd, Charles S.....WSTV, Steubenville
 Shipley, Larry.....WJMO, Cleveland
 Siker, Kenneth L.....WHBC, Canton
 Smith, Edgar C.....WFIN, Findlay
 Sowers, Robert.....WTOD, Toledo
 Stringfellow, William M.....WSPD, Toledo
 Symons, William.....WSAI, Cincinnati
 Topmiller, C. H.....WCKY, Cincinnati
 Volkman, Don F.....WMOH, Hamilton
 Whittaker, Ben H.....WSRS, Cleveland Heights
 Wildermuth, John L.....WADC, Akron
 Wilkins, B. T.....WKBN, Youngstown
 Woodward, Royce.....WFRD, Worthington

Oklahoma

Abbott, Warren W.....KSMI, Seminole
 Baucum, Ernest.....KWHW, Altus
 Billington, C. E.....KSWO, Lawton
 Billington, Geno.....KRHD, Duncan
 Brown, Roy.....KOME, Tulsa
 Coleman, Murray D.....KCRC, Enid
 Donley, M. M.....KAKC, Tulsa
 Easum, Clifford.....KTOK, Oklahoma City
 Fenter, George.....KASA, Elk City
 Foss, Darryl D.....KTJS, Hobart
 Freeland, Rayden.....KOCY, Oklahoma City
 Hoisington, Duane.....KMUS, Muskogee
 Kolb, William E.....KUSO, Ardmore
 Lovell, H. J.....WKY, Oklahoma City
 McCollum, Paul.....KSPI, Stillwater
 Marshall, Olen E.....WEBZ, Ponca City
 Moore, Edwin M.....KGFF, Shawnee
 Nelson, John M.....KSIW, Woodward

Richmond, Jack..... KLPR, Oklahoma City
 Robinson, George C. Jr..... KWCO, Chickasha
 Rountree, George..... KVLH, Pauls Valley
 Schlib, Bob..... KTMK, McAlester
 Sheffer, Charles..... KTOW, Oklahoma City
 Smith, James H..... KHBG, Okmulgee
 Snider, Robert..... KTUL, Tulsa
 Stinson, Watt..... KVOO, Tulsa
 Thomas, M. W..... KOMA, Oklahoma City
 Watters, Bill..... KSEO, Durant
 Walker, Herald..... KADA, Ada
 Wilcox, Nate..... KFMI, Tulsa
 Wireman, Jim..... KWON, Bartlesville

Oregon

Bookwalter, Louis S..... KOIN, Portland
 Calif, Victor M..... KMEB, Medford
 Carlton, Clyde..... KSLM, Salem
 Click, Ralph S..... KWIN, Ashland
 Davidson, Herbert..... KWIL, Albany
 Dickinson, Robert..... KBND, Bend
 Durham, Murray..... KLBM, La Grange
 Ely, Thomas..... KEX, Portland
 Evans, Jeff..... KRUL, Corvallis
 Greene, William H..... KUGN, Eugene
 Grimes, William P..... KFJI, Klamath Falls
 Harland, Charles E..... KSRV, Ontario
 Johnson, R. F..... KPDQ, Portland
 Loomis, Dwight..... KWJ, Portland
 McElroy, Edward C. Jr..... KOCO, Salem
 Mifflin, Ralph..... KXL, Portland
 Mott, Robert..... KODL, The Dalles
 Read, Walter L..... KWRO, Coquille
 Reetz, Leo..... KNPT, Newport
 Richmond, A. E..... KPOJ, Portland
 Riley, William..... KASH, Eugene
 Singleton, Harold C..... KGW, Portland
 Spaugh, Roger..... KOOS, Coos Bay
 Stuart, Chester J..... KYJC, Medford
 Viken, Floyd..... KORE, Eugene
 Walters, Gilbert..... KFLW, Klamath Falls
 Williams, N. L..... KUIN, Grants Pass

Pennsylvania

Ackley, Rexford..... WCRO, Johnstown
 Allen, L. L..... WHJB, Greensburg
 Arcoletti, Leo..... WKRZ, Oil City
 Bair, Howard..... WCMB, Lemoyne
 Beman, Douglas..... WMAJ, State College
 Berninger, John..... WPIT, Pittsburgh
 Bisbing, Franklin H..... WNAR, Norristown
 Bondy, Hugo A..... WIKK, Erie
 Bopp, Bernard..... WMRF, Lewiston
 Brewer, William A..... WBUD, Morrisville
 Burgoon, George..... WFBG, Altoona
 Burgoon, George R..... WRTA, Altoona
 Burtis, Charles W..... WPEN, Philadelphia
 Cassidy, Park H..... WLTR, Bloomsburg
 Caum, Kenneth B..... WBPZ, Lock Haven
 Coleman, Millard J..... WARD, Johnstown
 Cooke, Kenneth R..... WGBI, Scranton
 Cooper, Horace E..... WJPA, Washington
 Cordaro, Frank C..... WKAP, Allentown
 Craig, Ernest A..... WHUN, Huntington
 Davis, Stanton..... WCNR, Bloomsburg
 Duck, Llewellyn..... WCPA, Clearfield
 Eberhart, Woodrow G..... WSBA, York
 Emch, Robert..... WKST, New Castle
 Eney, I. N..... KYW, Philadelphia
 Fasulkey, R. H..... WCVI, Connessville
 Field, John..... WTFL, Philadelphia
 Fireman, Paul..... WBUX, Doylestown
 French, Theodore..... WILK, Wilkes-Barre
 Greenwood, James..... WCAE, Pittsburgh
 Haines, Homer..... WNAE, Warren
 Handwerck Gene..... WPAM, Pottsville
 Harris, Reginald K..... WIP, Philadelphia
 Heck, A. C..... WPIC, Sharon
 Henninger, John H..... WIBG, Philadelphia
 Henzly, William J..... WMBS, Uniontown
 Herbert, James..... WHOD, Homestead
 Hestor, Ken..... WERC, Erie
 Hunt, R. F..... KQV, Pittsburgh
 Hurley, Wilkes E..... WEDO, McKeesport
 Hyzinski, Bernard..... WHWL, Nanticoke
 Jefferies, David W..... WESB, Bradford
 Kaiser, Henry R..... WWSW, Pittsburgh
 Keller, John W..... WKOK, Sunbury
 Kenney, T. C..... KDKA, Pittsburgh

Kost, Fred..... WJMJ, Philadelphia
 Leibensperger, E. Daniel..... WHP, Harrisburg
 Lewis, George..... WCAU, Philadelphia
 Littlejohn, Louis E..... WFIL, Philadelphia
 McCormack, Joseph..... WHUM, Reading
 McCoy, Walter W..... WJAS, Pittsburgh
 McCurdy, James..... WCHA, Chambersburg
 McFarland, P. G..... WPGH, Pittsburgh
 Marshall, Bernard..... WISL, Shamokin
 Mathoit, J. E..... WEST, Easton
 Mathoit, J. E..... WGAL, Lancaster
 Mathoit, J. E..... WKBO, Harrisburg
 Mathoit, J. E..... WORK, York
 Mathoit, J. E..... WRAW, Reading
 Metzger, Irvin C..... WJSW, Altoona
 Mithalik, Rudy F..... WDDA, Indiana
 Musselman, Reuel H..... WSN, Allentown
 Neely, W. W..... WKPA, New Kensington
 Neiderkoffer, Henry..... WESA, Charleroi
 Oebbecke, Martin N..... WAEB, Allentown
 Oschmann, A. W..... WARM, Scranton
 Reinhart, George A..... WVP0, Stroudsburg
 Rex, Paul..... WISR, Butler
 Roland, George..... WLEU, Erie
 Ryback, Edwin L..... WGPA, Bethlehem
 Sakoskie, Charles Sr..... WBRE, Wilkes-Barre
 Savage, Leonard..... WLBR, Lebanon
 Schearer, Harold..... WEEU, Reading
 Schlegel, Woody..... WHGB, Harrisburg
 Shaub, John..... WLAN, Lancaster
 Sherman, Glenn..... WRAK, Williamsport
 Shimski, Willard..... WSCR, Scranton
 Simmington, Harry..... WPWA, Chester
 Smith, H. E..... WAVL, Apollo
 Stahl, Vernon..... WCED, Dubois
 Stenger, John H. Jr..... WBAX, Wilkes-Barre
 Straub, N. L..... WJAC, Johnstown
 Tisdale, ames M..... WVCH, Chester
 Tito, Elwood..... WAZL, Hazleton
 Unterberger, Frank W..... WDAS, Philadelphia
 Weaver, Willis N..... WNOW, York
 West, Gerald B..... WHOL, Allentown
 White, Charles..... WMKES, McKeesport

Rhode Island

Buckley, Richard..... WRIB, Providence
 Ferri, John W..... WPRO, Providence
 Johnson, Gilbert..... WFCI, Pawtucket
 Philbrook, Carroll..... WHIM, Providence
 Prior, Thomas, Civ..... WJAR, Providence
 Tilley, Henry..... WEAN, Providence
 Travis, George W..... WWON, Woonsocket

South Carolina

Albee, Wilbur..... WCSC, Charleston
 Beatty, James S., Jr..... WRHI, Rock Hill
 Beekhoff, H. R..... WSPA, Spartanburg
 Bickford, Charles R..... WFGN, Gaffney
 Birchfield, William P..... WHAN, Charleston
 Bradham, Douglass M..... WTMA, Charleston
 Brien, Donald A..... WHSC, Hartsville
 Browning, Gus..... WRNO, Orangeburg
 Burdette, Clyde J..... WORD, Spartanburg
 Edison, Herbert G. Jr..... WIS, Columbia
 Elias, Lewis W. Jr..... WESC, Greenville
 Garrison, William..... WFBC, Greenville
 Green, Morton..... WCGD, Chester
 Greene, Jack B..... WAIM, Anderson
 Hampton, Gene..... WKIX, Columbia
 Hanks, H. L..... WLAT, Conway
 Harrington, I. P..... WTND, Orangeburg
 Jenne, Frank..... WJMX, Florence
 Lambert, Robert D..... WCOS, Columbia
 Martin, George N..... WKDK, Newberry
 Modlin, Carlton J..... WPAK, Charleston
 Nelson, Walter..... WUSN, Charleston
 Philbrick, Richard..... WTYC, Rock Hill
 Powers, Everett C..... WBSC, Bennettsville
 Prichett, W. A..... WOLS, Florence
 Seals, Marvin..... WDSC, Dillon
 Sparks, Charlie..... WCRS, Greenwood
 Tate, George D..... WMRC, Greenville
 Thoman, C. A..... WALD, Walterboro
 Williams, James L..... WFIG, Sumter
 Williams, T. B..... WNOK, Columbia

South Dakota

Alwin, Francis..... KWAT, Watertown

Chief Engineers

Brodie, Bruce.....KISD, Sioux Falls
 Clark, E. E. Prof.....WCAT, Rapid City
 Crocker, George.....KSDN, Aberdeen
 Daniels, Eli.....KDSJ, Deadwood
 Froke, Lester.....KELO, Sioux Falls
 Griffiths, A. E.....KOTA, Rapid City
 Hobbs, Charles W.....KOPX, Pierre
 Hunt, Delbert T.....KABR, Aberdeen
 Marty, Roland H.....KIJV, Huron
 Staley, Max F.....KSOO, Sioux Falls
 Taylor, Robert.....KMHK, Mitchell
 Todd, Clifton M.....WNAX, Yankton

Tennessee

Andrews, Fred.....WROL, Knoxville
 Bailey, John H.....WJZM, Clarksville
 Baker, B. C.....WDEP, Chattanooga
 Barnes, B. D.....WAPQ, Chattanooga
 Binns, F. D.....WLAC, Nashville
 Bowers, Condon.....WBEJ, Elizabethton-Johnson City
 Broyles, Joseph E.....WIGN, Knoxville
 Chick, Elton.....WEKR, Fayetteville
 Colington, E. E.....WGNS, Murfreesboro
 Daugherty, George W.....WHUB, Cookeville
 Deaderick, J. E.....WMPS, Memphis
 Duke, Walter A.....WMMT, McMinnville
 Evans, Ray.....WNOX, Knoxville
 Fincher, Byron E.....WDXB, Chattanooga
 Frase, E. C. Jr.....WMCN, Memphis
 Garland, O. K.....WJHL, Johnson City
 Gordon, Robert M.....WTJS, Jackeon
 Hampton, Laile.....WGRV, Greeneville
 Hargis, Kenneth.....WHBT, Harriman
 Hobbs, Revis.....WKRK, Columbia
 Hooper, T. E.....WIBK, Knoxville
 Horton, J. Rex.....WBIR, Knoxville
 Jones, Charles W.....WTPR, Paris
 Jones, E. B.....WETB, Johnson City
 Keicher, Andrew.....WKSR, Pulaski
 Lacey, Ed.....WDIA, Memphis
 Lamarr, Curtis.....WGAP, Maryville
 Marsh, Tim.....WHAL, Shelbyville
 Marsh, William.....WHEM, Memphis
 Monrow, C. W.....WDSG, Dyersburg
 Owen, Roy.....WDOD, Chattanooga
 Rancy, Wilson.....WREC, Memphis
 Redden, James A.....WCRK, Morristown
 Reynolds, George A.....WSM, Nashville
 Robinson, R. V.....WOPI, Bristol, Tenn.-Va.
 Roy, W. M.....WHBQ, Memphis
 Schumann, Fred.....WSIX, Nashville
 Sowell, J. E.....WJJM, Lewisburg
 Spencer, James F.....WCDE, Winchester
 Spragins, Carl.....WJIG, Tullahoma
 Stokely, Charles.....WAGC, Chattanooga
 Stuart, Bill.....WBAC, Cleveland
 Thomas, James S.....WDXI, Jackson
 Thomas, James.....WENK, Union City
 Turner, J. W.....WLAR, Athens
 Weater, Shelton.....WMAK, Nashville
 Wilburn, James R.....WATO, Oak Ridge
 Woodard, Harold.....WHIN, Gallatin

Texas

Adams, John.....KFDX, Wichita Falls
 Allen, J. T.....KXOX, Sweetwater
 Barker, Sam.....KVOU, Uvalde
 Barnett, Glenn.....KAYS, Hays
 Beal, Orvis.....KAND, Corsicana
 Bedose, W. S.....KPYO, Lubbock
 Boatright, Glen.....KPAC, Port Arthur
 Bobisud, W. A.....KBKR, Baker
 Bochnemanu, Harry W.....KIUN, Peeos
 Bradford, William E. Jr.....KSST, Sulphur Springs
 Braffett, Brooks.....KCTX, Childress
 Brady, Charles L.....KMAC, San Antonio
 Bridges, Ken.....KRIS, Corpus Christi
 Callison, Glenn.....KLFJ, Dallas
 Casey, J. B.....KRCB, Abilene
 Chase, Warren.....KURV, Edinburg
 Chinski, Gerald R.....KXYZ, Houston
 Clouton, A. Browning.....KVAI, Amarillo
 Clyde, Tom.....KGVJ, Greenville
 Collins, Hudson C.....KGBK, Tyler

Collins, J. Raymond.....WFAA, Dallas
 Collup, Doyle E.....KSTV, Stephenville
 Cook, Carl.....KBOP, Plattsview
 Cook, Homer A.....KTEM, Temple
 Cornelius, Eugene.....KPET, Lamesa
 Crouse, John R.....KKOL, Fort Worth
 Cuosta, Nestor.....KWBU, Corpus Christi
 Dove, Jesse.....WACO, Waco
 Easterwood, Marvin J.....KRIC, Beaumont
 Egerton, W. G.....KTSA, San Antonio
 Ellis, Glenn R.....KIOX, Bay City
 Farmer, Paul.....KRIC, Odessa
 Flynn, Roy M.....KRLL, Dallas
 Fones, Henry N.....KTFS, Texarkana
 Frazier, Ed.....KVAL, Brownsville
 Futch, Virgil.....KNET, Palestine
 Gemoets, E. L.....KEPO, El Paso
 Griffith, Harold.....KEYS, Corpus Christi
 Grubbs, L. R.....KWTX, Waco
 Haigh, Joseph B.....KABC, San Antonio
 Hartwig, O. L.....KRGV, Weslaco
 Haubold, A. L.....KLEE, Houston
 Hickman, Jerry.....KORC, Mineral Wells
 Hilburn, Lloyd.....KSET, El Paso
 Hill, Fred C.....KTRE, Lufkin
 Howze, Bill.....KDWT, Stamford
 Hughes, Ben F.....KTRN, Beaumont
 Huhndorf, Paul.....BLEE, Houston
 Hyman, Kenneth R.....KCOR, San Antonio
 Ing, George.....KONO, San Antonio
 Jeffers, Charles L.....WCAI, San Antonio
 Johnson, Bert.....KVLJ, Alpine
 Johnson, O. B.....KTHT, Houston
 Jones, Andrew M.....KBST, Big Springs
 Jones, Harold.....KFDM, Beaumont
 Jones, David C. Jr.....KORA, Bryan
 Jones, Frank M.....KGKL, San Ankeo
 Kay, Arthur P. Jr.....KOGT, Orange
 Kelley, W. C.....KRUN, Ballinger
 Kidd, Thornton L.....KNAF, Fredericksburg
 Kimbrell, James.....KECK, Odessa
 Kreiger, Herman.....KHUZ, Borger
 Lasseter, Norman.....KDLK, Del Rio
 Lee, R. F.....KCBP, Lubbock
 Lewis, James E.....KNOW, Austin
 Lindsay, William.....KMHT, Marshall
 Luddy, Noel.....KFDA, Amarillo
 McCrown, Robert.....KVIC, Victoria
 McCreary, William M. Jr.....KBEB, Jacksonville
 McLacklin, Tom.....KDPT, Center
 McNally, Eugene C.....KPLT, Paris
 Marli, George W.....KCLE, Cleburne
 Martin, Cordell.....KGAF, Gainesville
 Martin, David H.....KTXN, Austin
 Martin, Edward.....KATL, Houston
 Maxim, Ambrose.....KRBA, Lufkin
 Meiners, W. M.....KRIO, McAllen
 Middlebrook, George.....KSFA, Nacodoches
 Ming, Morris M.....KSKY, Dallas
 Neathery, John, Jr.....KSAM, Humleville
 Neil, Jesse.....KELP, El Paso
 Nellin, Cecil.....KNEL, Brady
 Osborne, Garth.....KPDN, Pampa
 Parson, Stewart.....KAMQ, Amarillo
 Parsons, Melvin.....KWCB, Fort Worth
 Peterson, James T.....KFUZ, Fort Worth
 Phillips, Paul.....KTAN, Sherman
 Proctor, Jack.....RTXL, San Angelo
 Rainey, Gordon W.....KTAE, Taylor
 Rampsy, C. W.....KMAE, McKenney
 Ridgway, Herman.....KVCW, Vernon
 Robertson, Harvey.....KCMC, Texarkana
 Seals, R. B.....KSTA, Coleman
 Siercovich, John.....KITE, San Antonio
 Simma, Jesse.....KGBG, Galveston
 Simpson, James.....KOSA, Odessa
 Smith, Bill.....KXJT, Dalhart
 Smith, Hulan K.....KPAB, Laredo
 Smith, R. L.....KSTB, Breckenridge
 Sosolik, Frank J.....WTAW, College Station
 Soula, Karen O.....KCOA, Kilgore
 Spelman, T. E.....KRRV, Sherman-Denison
 Stewart, A. W.....KBWD, Brownwood
 Stinson, R. C.....WRAP, Fort Worth
 Strain, Hurb.....KPBX, Beaumont

Chief Engineers

Stright, John E. KVKM, Monahans
 Talbott, Edward P. KR0D, El Paso
 Torrey, William H. KGNC, Amarillo
 Tripp, Bob E. KIXL, Dallas
 Tucker, D. J. WRR, Dallas
 Wade, J. B. KDDD, Dumas
 Walton, Kenneth J. KTSM, El Paso
 Webb, Richards KWHI, Brenham
 Weinzell, Harold KLEE, Houston
 Wheeler, Harvey KPRC, Houston
 Wileman, Robert A. KTBB, Tyler
 Wiley, Herbert T. KWPT, Wichita Falls
 Williams, Claude KOLE, Port Arthur
 Wilson, Frank, Jr. KCTI, Gonzales
 Wilson, Willis KGBS, Harlingen
 Wright, T. E. KRYN, Bonham
 Yates, Tom KCRS, Midland
 Yeagley, Frank KVET, Austin
 Yeagley, Frank W. KTBC, Austin
 Zackery, James KVOW, Littlefield

Utah

Baldwin, John M. KDYL, Salt Lake City
 Bell, Wendell HUTA, Salt Lake City
 Boelter, E. W. KJAM, Vernal
 Boothe, Wayne T. KLO, Ogden
 Bradshaw, William E. KBUF, Brigham City
 Clayton, Vincent KSL, Salt Lake City
 Cozzera, W. D'Orri KALL, Salt Lake City
 Hansen, David I. KSVQ, Richfield
 Keyes, Henry KOVO, Provo
 May, Myron E. KNAK, Salt Lake City
 Olesen, Delmont KVNU, Logan

Vermont

Boisvert, Theodore WWSR, St. Albans
 Groul, Harold M. WDEV, Waterbury
 Quill, John C. WJOY, Burlington
 Ramson, Norval K. WSYB, Rutland
 Tierney, James W. WCAX, Burlington

Virginia

Candler, William S. WPVA, Fredericksburg
 Chrismon, Charles K. WFLO, Farmville
 Clair, Frederick P. WHYU, Newport News
 Daugherty, Bob WCYB, Bristol
 Duekett, Carl E. WBOB, Galax
 Doherty, John R. WHLF, South Boston
 Goodwin, Edward R. WAYB, Waynesboro
 Gray, Walter W. WCEV, Charlottesville
 Hall, Frank A. WROV, Roanoke
 Houser, Rex WTON, Staunton
 Hughlett, Jon WFCH, Bristol
 Lindberg, Carl L. WPIK, Alexandria
 McGuigan, George W. Jr. WLEE, Richmond
 Motley, Lyle C. WBTM, Danville
 Musc, Dewey W. WMVA, Martinsville
 Newman, Edward J. WDBJ, Roanoke
 Orth, John T. WLVA, Lynchburg
 Pepper, John C. WTAR, Norfolk
 Runyon, Charles A. WGH, Newport News
 Sierel, Jack WLOW, Norfolk
 Wilson, C. E. WSVS, Crewe
 Wilson, John H. WKYE, Covington
 Wolstenholme, Vincent WRNL, Richmond
 Wood, Wilfred H. WMBG, Richmond
 Woods, David C. WRVA, Richmond
 Youden, William WEAM, Arlington

Washington

Allen, Gordon KYAK, Yakima
 Bookwalter, L. S. KJR, Seattle
 Boor, John KMO, Tacoma
 Brott, F. J. KOMO, Seattle
 Dubuque, John KXA, Seattle
 Eddy, Walt KTBL, Tacoma
 Evans, G. W. KNEW, Spokane
 Freeman, George KRSC, Seattle
 Frese, George KPQ, Wenatchee
 Hallberg, Bert KBPO, Bremerton
 Hamingway, Jack KXLE, Ellensburg

Harper, Ernest E. KVOS, Bellingham
 Hatfield, James KIRO, Seattle
 Holmes, John KWLK, Longview
 Keiter, Les KELA, Centralia-Chehalis
 Kissler, Roland KSEM, Moses Lake
 Langford, George KXLY, Spokane
 Lind Perry KOL, Seattle
 McDonough, D. M. KVI, Tacoma-Seattle
 Means, Edgar KVAN, Vancouver
 Mott, Walter KPKW, Pasco
 Murphy, H. B. KIT, Yakima
 Patrick, Howard R. KONP, Port Angeles
 Roark, C. A. KGY, Olympia
 Sparling, A. G. KGA, Spokane
 Springer, Kirk W. KOMW, Omak
 Shultz, Arthur KING, Seattle
 Vanerstrom, Orris KBRC, Mount Vernon

West Virginia

Baker, Fred A. WKWK, Wheeling
 Brooks, V. G. WPAR, Parkersburg
 Bucy, James F. WWNR, Beckley
 Bullio, Robert W. WBTH, Williamson
 Craver, Campbell J. WMON, Montgomery
 Dixon, William E. WCHS, Charleston
 Flanagan, P. T. WHIS, Blufffield
 Ginkel, Al J. WJLS, Beckley
 Graham, Earl H. WLOH, Princeton
 Haldane, William R. WPLH, Huntington
 Heil, Sterling H. WPEM, Martinsburg
 Huff, James A. WHAW, Weston
 Jackson, Herbert S. WRON, Ronceverte
 Keim, Edwin L. WVVV, Wheeling
 Kilpatrick, Leroy WSAZ, Huntington
 King, Howard R. WBRW, Weleh
 Kovlan, Andrew H. WHAR, Clarksburg
 McCoy, Harvey J. WVVW, Fairmont
 Marcum Taylor WKNA, Charleston
 Hnugh, R. D. WPDJ, Clarksburg

Wisconsin

Bohnert, Ray WIGM, Medford
 Boos, Jerry WDLB, Marshfield
 Bresette, Charles WOBT, Rhinelander
 Clay Wayne WCLO, Janesville
 Dechant, Lee F. WRJN, Racine
 Dodge, George WFOX, Milwaukee
 Duben, W. C. WOMET, Manitowoc
 Evans, Ralph WEXT, Milwaukee
 Fliegel, E. W. WNAM, Neenah
 Garrity, James WSRB, Superior
 Hahn, Norman WIBA, Madison
 Hehal, William WTMJ, Milwaukee
 Host, Raymond WMAW, Milwaukee
 Jorgenson, T. O. WEAU, Eau Claire
 Laskey, Melvin WDSM, Superior
 Leeman, Al WKBH, LaCrosse
 Lunk, Otto WATW, Ashland
 Mayer, Herbert J. WHBL, Sheboygan
 Meyera, Wendell S. KFIZ, Fond Du Lac
 Mueller, Paul WMLO, Milwaukee
 Paske, Roland WEMP, Milwaukee
 Randle, Adin WAUX, Waukesha
 Rauscher, Albert WIPG, Green Bay
 Reed, Elmer WJPG, Green Bay
 Rotunda, Orlando WLIP, Kenosha
 Slangel, Wallace WTAQ, Green Bay
 Stewart, A. L. WMAM, Marinette
 Vanderheiden, V. A. WKOW, Madison
 Weller, Donald A. WTSN, Milwaukee
 Wheller, Glen WOSH, Oshkosh

Wyoming

Bernhart, Phillip H. KODI, Cody
 Buchanan, Archie W. KVR5, Rock Springs
 Crosthwaite, Bob KWYO, Sheridan
 Grove, Clark KRAL, Rawlins
 Roberts, Harold KFBC, Cheyenne
 Ross, James R. KTW, Seattle
 Schmell, Gordon I. KVOC, Casper
 Simons, Duane W. KSPR, Casper

A LIST OF IMPORTANT RADIO, TELEVISION AND FM

Equipment Firms

Admiral Corporation

3800 Cortland St., Chicago 47, Ill.
Phone: SPalding 2-0100

President.....Ross D. Siragusa
Exec. Vice-Pres.....John B. Huarisa
Vice-Pres., Radio Div.....Richard A. Graver
Vice-Pres., Appliance Div.....L. H. D. Baker
Vice-Pres. Chg. Sales.....W. C. Johnson
Treasurer.....L. C. Park
Director of Engineering.....Ken Turner
Dir. of Adv.....Seymour Mintz
Service Manager.....M. J. Schinke
Purchasing Agent.....Frank Kazda
Secretary.....Ken Turner
Ass't Sec. & Ass't Treas.....R. F. Dooley

PRODUCTS: Receiving Sets, Radio-Phone Combinations, FM Receiving Sets, Record Players, Portables, Farm Sets, and Radio Parts, Table and Console television receivers, Dual-Temp Refrigerators, Refrigerators, Electric Ranges.

Aerovox Corporation

740 Belleville Ave., New Bedford, Mass.
Phone: 6-8221

President.....W. Myron Owen
V.P. Chg. Manufacturing...Edwin A. Norris
Sales Manager—Distributor
Div.Charles Golenpaul
Sales Manager—Manufacturers'

Div.Frank L. Marshall
Chief Engineer.....Joseph L. Collins
Advertising Manager....Charles Golenpaul
Export Managers..Rocke International Corp.

PRODUCTS: Capacitors — paper, electrolytic and mica for radio transmitting, Receiving and electronic applications, including paper, oil and wax impregnated, moulded mica, bakelite cased and ceramic cased mica capacitors, power factor correction equipment, insulated carbon and wire wound vitreous resistors, motor starting capacitors, capacitor test instruments.

Air King Products Co., Inc.

170—53rd St., Brooklyn 32, N. Y.
Phone: HY 2-8000

President.....D. H. Cogan
Chairman of the Board.....B. A. Coffin
V. P.-Export.....Allen Straus
Secretary.....R. W. Hill
Manager of Sales.....R. D. Payne
V. P. Engineering.....L. M. Kay
Purchasing Agent.....M. L. Gardner

Advertising Mgr.....A. D. Adams
Credit & Personnel.....J. H. Seider
Plant Manager.....M. Krauss
Asst. Treasurer.....N. Boudro
Comptroller.....J. Kaufman

PRODUCTS: Radios; AM & FM, table models, consoles, portables, wire recorders; console combination including record player and radio, portable including record player, portable, television; table models.

Allen-Bradley Company

136 W. Greenfield Ave., Milwaukee 4, Wisc.
Phone: Mitchell 5151

Pres.-Sales Manager.....F. F. Looek
Radio Sales Mgr.....D. S. W. Kelly
Chief Engineer.....J. J. Mellon
Credit Manager.....E. M. Kroehing
Purchasing Agent.....Theron C. Child
Advertising Mgr.....A. H. Fensholt
Industrial Relations Mgr.....George Megow
Export Mgrs.....Rocke Intern'l Corp.
Service Mgr.....G. W. Vater

PRODUCTS: A.C. Across the line starters, A.C. Reduced Voltage starters, A.C. Multi-speed starters, A.C. Combination starters, D.C. Across the line starters, D.C. Reduced voltage starters, Push Buttons, Limit Switches, Pressure Switches, Timing Relays, Float Switches, Relays, A.C. and D.C., Zero Speed and Plugging switches, Temperature controls, Solenoids, Compression type rheostats, Special A.C. and D.C. panels, Control centers, Fixed composition resistors, Adjustable composition resistors (volume controls, tone controls, rheostats, etc.).

American Condenser Co.

4410 No. Ravenswood Ave., Chicago 40, Ill.
Phone: Longbeach 1-1386

Partner.....L. J. Menschik
Purchasing Agent.....W. Norder
Superintendent.....H. Klauck
Sales Manager.....W. J. Johnston
PRODUCTS: Condensers.

American Television & Radio Co.

300 East Fourth St., St. Paul 1, Minn.
Phone: Cedar 3791

Pres. & Sales Mgr.....Albert A. Goffstein
Chief Engineer.....Albert A. Goffstein
Credit Manager.....Henry Bléhart
Purchasing Agent.....Albert A. Goffstein
Export Managers.....Lincoln Export Co.
Service Manager.....Allan Degman

Equipment Manufacturers

PRODUCTS: Auto Radio Vibrators, Heavy Duty Inverter Vibrators, DC-AC Inverters, Vibrator Packs, Battery Eliminators, and Rectifier Power Supplies.

American Transformer Co.

178 Emmet St., Newark 5, N. J.

Phone: Bigelow 3-4444

Vice-President.....Walter Garlick, Jr.
Sales Mgr. Industry Sales.....T. W. Stauber
Mgr. Electronic Sales.....F. K. Hankinson
Mgr. Electronic Apparatus.....John F. Harris
Comptroller.....John M. Wollmer
Ind. Rel. Mgr.....Fred H. Canfield
Purchasing Agent.....E. H. Bard

PRODUCTS: Amplifiers, ballast transformers for fluorescent lighting, distribution transformers, electronic components, industrial-dry type-indoor or outdoor use industrial transformers, air cooled industrial phase changers, modulation reactors, modulation transformers, net work transformers, oil or abestol-immersed plate transformers, power transformers, precipitation transformers, radio type "P" precision line, radio silcor line audio components, rectifiers, regulators, test sets, transtats, "W" type transmitter, wave filters, welding and soldering transformers.

Amperex Electronic Corp.

25 Washington St., Brooklyn 1, N. Y.

Phone: MAin 5-2050

President.....Nicholas Anton
Exec. Vice-Pres.-Sales

Manager.....Samuel Norris
Chief Engineer.....C. W. Wheeler
Purchasing Agent.....I. Trebicoff
Export Managers.....Rocke Intern'l

PRODUCTS: Electronic tubes for communication, industrial, television, electro-medical and special purposes.

Amy, Aceves & King, Inc.

11 West 42nd St., New York 18, N. Y.

Phone LOngaere 5-6622

President.....Ernest V. Amy
Purchasing Agent & Credit Mgr.....Frank King
Chief Engineer.....Julius G. Aceves
Sales Manager.....F. A. Klingenschnitt

PRODUCTS: Antenna Systems, Television and FM Antennas. Electronic Developments.

Andrea Radio Corp.

27-01 Bridge Plaza North, L. I. C. 1, N. Y.

Phone: STillwell 4-5411

President.....Frank A. D. Andrea
Sales Manager.....Frank V. Goodman
Chief Engineer.....Harold J. Heindel
Credit Manager.....Victor J. Buck
Purchasing Agent.....Bruce B. Donald
Advertising Manager.....Frank V. Goodman
Industrial Relations Mgr.....John Andrea

Export Manager.....Ramon Masvidal
Service Manager.....Joseph Haug

PRODUCTS: Radio and Television Receivers and Phono. combinations.

Andrew Corporation

363 E. 76th St., Chicago 19, Ill.

Phone: Triangle 4400

Chn. of Bd. of Dir.....Dr. V. J. Andrew
President.....Mrs. A. S. Andrew
Dir. of Sales Engineering.....C. R. Cox
Prod. Mgr.....G. M. Dinnick
Sales Manager.....W. F. Kean
Chief Engineer.....J. S. Brown
Controller.....W. J. Mather

Products: Coaxial Transmission line FM-AM-TV, Antennas FM broadcast, Antenna Phasing Equipment and Accessories, RF Inductors (Miscellaneous types), Tower Lighting Equipment, Indicating Devices (Misc.), Monitoring Equipment, Relays, Transformers, UHF Equipment and accessories.

Ansley Radio & Television, Inc.

41 St. Joes Ave., Trenton 9, N. J.

Phone: 4-1175

President.....Bernard Fein
Sales Manager.....Charles A. Clinton
Chief of Prod. Engineering.....Kenneth Pelham
Credit Mgr.....Anne J. Dawson
Purchasing Agent.....Daniel Stein
Advertising Mgr.....Charles A. Clinton
Service Mgr.....Julius Jonas
Traffic Mgr.....Joseph Kane

PRODUCTS: AM-FM Console with Phonograph; Television — Table, Console; FM Table, FM Console, AM-FM Console; FM Console with Phonograph, AM-FM Console with Phonograph.

The Astatic Corp.

Harbor & Jackson Sts., Conneaut, Ohio

Phone: 12-656

President-Gen. Mgr.....F. H. Woodworth
V.P.-Chief Research Engr.....C. M. Chorpene
Treasurer-Asst. Gen. Mgr.....G. B. Fraser
Gen. Sales Mgr.....W. J. Doyle
Chief Engineer.....G. A. Morrell, Jr.
Purchasing Agent.....H. G. Green
Secty.....F. H. Kuhlman
Factory Superintendent.....W. M. Semple
Personnel Dir.....F. H. Kuhlman

PRODUCTS: Microphones, phonograph reproducers, replacement reproducer cartridges, microphone stands, recording heads and accessories.

Audak Company, Inc.

500 Fifth Ave., New York 18, N. Y.

Phone LA 4-3723-4

President.....Maximilian Weil
Vice-Pres.....George V. Sullivan
PRODUCTS: Cutting heads, Electronic reproducing apparatus.

Equipment Manufacturers

Audio Devices, Inc.

444 Madison Ave., New York 22, N. Y.
Phone: PLaza 3-0973

President.....Wm. C. Speed
Vice-President-Sec.....Bryce Haynes
Research Engineer.....E. W. Franck
BRANCH OFFICE: Allan H. Bodge, West
Coast Mgr., 844 Seward St., Hollywood, Calif.
PRODUCTS: Recording Discs (Audio-
discs), Recording and Playback Points
(Audiopoints), Audio Tape.

Audio & Video Products Corporation

681 Fifth Ave., New York 22, N. Y.
Phone: PLaza 9-6031

Pres. & Gen. Mgr.....Charles E. Rynd
V. P. & Treas.....Thomas P. Robinson
Vice-President.....Fred M. Thrower
Vice-President.....James L. Middlebrooks
Sales Manager.....Russell O. Hudson
PRODUCTS: Ampex magnetic tape re-
corders.

Automatic Manufacturing Corp.

65 Gouverneur St., Newark 4, N. J.
Phone: Humboldt 5-2100

President.....Martin H. Benedek
Vice-Pres., Charge of Sales.....Bert E. Smith
Chief Engineer.....Joseph R. Mazzola
Credit Mgr.....M. E. Silver
Purchasing Agent.....J. A. Heimbruch
PRODUCTS: Mica trimmer condensers,
intermediate frequency transformers, radio
frequency coils, R. F. choke coils, adjustable
padder condensers, permeability tuners.

John F. Beasley Construction Co.

P. O. Box 1624, Muskogee, Okla.
Phone 4762

President.....John F. Beasley
Secty.-Treas.....James H. Beasley
Erection Superintendent.....Sydney N. Beasley
Office Manager.....C. A. McLarty, Jr.
PRODUCTS: Steel erectors (radio towers
& Antennas).

Bendix Radio Division (Bendix Aviation Corp.)

East Joppa Rd., Towson 4, Md.
Phone: Tuxedo 4020

Gen'l Mgr.....W. P. Hilliard
Asst. Gen. Mgr.....E. K. Foster
Dir. Engr. & Research.....W. L. Webb
Chief Engr. Radio & Tele.....D. C. Hierath
Chief Engr. Comm. Products.....A. E. Abel
Chief Research Engr.....A. C. Omberg
Radio & Tele Sales Mgr.....E. C. Bonia
Dir. of Industrial Relations.....M. M. Hughes
Advertising Manager—Radio
and Television.....F. T. Sterritt

Sales Manager—

Communications Radio...J. W. Hammond
PRODUCTS: Aviation radio receivers,
transmitters, radio compasses, electronic
broadcast receivers and radio-phonograph
combinations, television receivers, head-
phones, microphones.

Bliley Electric Company

Union Station Building, Erie, Pa.
Phone: 26-857

President.....F. D. Bliley
V.P. & Sales Manager.....G. E. Wright
V.P. & Chief Engineer.....J. M. Wolfskill
Treas. & Credit Mgr.....D. F. Stout
Purchasing Agent.....S. E. Riley
Industrial Relations Mgr.....R. R. Johnson
PRODUCTS: Quartz Crystals, Crystal Con-
trolled Oscillators and Crystal Ovens.

William Brand & Co.

276 Fourth Ave., New York 10, N. Y.
Phone: ORchard 4-6960

Partners.

William Brand, William Naumburg, Jr.
Sales Manager.....J. R. Garey
PRODUCTS: Insulation, electrical, Tub-
ing, Varnished Cotton, Glass, Tubing, Var-
nished, Plastic, Extruded Tubing Cambrie,
Varnished, Mica block, films, splits and
splittings, Mica-Plate, segments, Wire, Ther-
moplastic insulated.

Brooks Electronics, Inc.

34 DeHart Place, Elizabeth 2, N. J.
Phone: Elizabeth 2-7600

President.....Lincoln Walsh
Sales Manager.....Harrie K. Richardson
Chief Engineer.....J. Ray Edinger
Credit Manager.....Helen Anthony
Purchasing Agent.....Helen Anthony
PRODUCTS: High Quality Audio Ampli-
fiers.

Browning Laboratories, Inc.

750 Main St., Winchester, Mass.
Phone: 2121

President.....G. H. Browning
V. P.....R. L. Purrington
Chief Engineer.....F. A. Spindel
Prod. Mgr.....J. C. Sullivan
Head Test Tube Dept.....H. L. Smith
Credit Mgr.....C. W. Craven
PRODUCTS: Frequency Meters, Cathode
Ray Oscilloscopes, 60-cycle Calibrators, Reg-
ulated Power Supplies and Square Wave
Generators, Super-high Frequency Signal
Generators, Frequency Calibrators, Capacitance
Relays, Electronic Capacitance Alarm
Systems, FM-AM Tuners, FM Tuners.

Equipment Manufacturers

The Brush Development Company

3405 Perkins Ave., Cleveland 14, Ohio
Phone: Endicott 3315

Manager J. H. Munchausen
PRODUCTS: Magnetic Recording, Acoustic Products, Instruments, Crystals.

William W. L. Burnett Radio Lab.

4814 Idaho St., San Diego 4, Calif.

Phone: Talbot 4943

Owner-Chief Eng. William W. L. Burnett
PRODUCTS: Piezo-Electric Crystals, Crystal Holders, Constant Temperature Controlled Ovens, Frequency Measuring Equipment, Laboratory Equipment, Conducting Regular Radio Laboratory Measurements, Offering a Completed Frequency Measuring Service, from 10 kc to 500 mcs covering both AM and FM measurements. All stations must be within receiving distance of the Laboratory. Special Laboratory Equipment Developed and Tested.

Chicago Electronic Engineering Company

3223 W. Armitage Ave., Chicago 47, Ill.

Phone: CA 7-3130

President E. J. Rehfeldt
V. P. & Sales Mgr. W. W. Carroll
Secy.-Treas., Chief Engineer. H. Holuhov
Credit Mgr. T. J. Thorkelson
Purchasing Agent. H. Roberts
Export Manager. E. J. Rehfeldt
PRODUCTS: Receiving and transmitting transformers and chokes, all types; Wave Filters; Voltage Regulators; Rectifiers; Saturable Reactors.

Chicago Telephone Supply Co.

1142-1232 W. Beardsley Ave., Elkhart, Ind.
Phone: 1206

President J. G. Best
V. P. & Gen. Sales Mgr. W. A. Nicely
V. P. & Gen. Mgr. B. S. Turner
Chief Engineer. W. H. Budd
Credit Manager. M. F. Schneck
Purchasing Agent. B. S. Turner
Plant Superintendent. G. M. Cooper
Industrial Relations Mgr. A. M. Daily
Export Manager. W. A. Nicely
Traffic Manager. R. I. Corner
PRODUCTS: Volume controls, tone controls, associated switches.

Clorostat Mfg. Co., Inc.

Dover, N. H.

President Victor Mucher
Sales Mgr. Distributors
Div. Fran Chamberlain
Secretary Charles H. Burnell
V.P.-Chief Engineer. George Mucher
V.P. Chg. Sales. I. J. Youngblood

PRODUCTS: Fixed and Variable Power Resistors, Power Rheostats, Power Resistor Decade Boxes, Wire Wound Potentiometers, "T" "L" Cism Pads, 25 and 10 Watt Attenuators, Special Resistor Products, and Composition Potentiometers.

Collins Radio Co.

855—35th St., N.E., Cedar Rapids, Iowa
Phone: 3-0281

President Arthur A. Collins
Exec. V. P.—New York W. J. Barkley
Vice President-Gen. Mgr. R. S. Gates
V. P. Chg. Engr. & Mfg. L. M. Craft
Secretary-Treasurer S. J. Storm
PRODUCTS: Standard and FM broadcast station transmitters, speech equipment and accessories, Radio communication ground station and airborne transmitters and receivers for Government, commercial airlines and other industrial users. Radio amateur transmitters, receiver, exciters and variable frequency oscillators. Mechanical and electronic industrial control devices.

Colonial Radio Corp.

254 Rano St., Buffalo 7, N. Y.

Phone: Victoria 2450

President E. E. Lewis
V. P. Chg. of Oper. J. H. Quick
V. P. & Treas. H. E. Riordon
V. P. & Automotive Sales. C. H. Symington
Controller. M. B. Chesney
Purchasing Agent. H. H. Martin
Commercial Mgr. J. K. McDonough
Service Mgr. R. K. Pew
Mgr. & Industrial Relations. H. S. Hagen
Dir. of Engineering. R. MacLathie
PRODUCTS: AM and FM radio receivers, automobile receivers, battery operated radio receivers, radio-phonograph recorder combinations, television receivers.

Columbia Records, Inc.

1473 Barnum Ave., Bridgeport 8, Conn.

Phone: Bridgeport 6-0181

President Frank White
V. P. in Chg. of Sales. Paul E. Southard
V. P. in Chg. of Mfg. and Engineering
J. H. Hunter
Dir. of Engineering and Development
William Bachman
Recording Dir. Vincent Liebler
Treasurer William Wilkins
Dir. of Purchases. Robert P. Robinson
Advertising Mgr. Albert Earl
Export Mgr. Ralph Alacon
Service Mgr. William Madeburg
Traffic Manager. Lou Morrison
PRODUCTS: Phonograph Records, Phonograph Needles and Electrical Transcriptions.

Equipment Manufacturers

Continental Carbon, Inc.

13900 Lorain Ave., Cleveland 11, Ohio
Phone: CLeArwater 6500

President & Sales Mgr. G. F. Benkelman
V. P. & Chief Engineer J. W. Jira
Purchasing Agent W. M. Wood
PRODUCTS: Fixed composition resistors,
Nobleloy Precision Resistors, Auto Radio
Suppressors, Capacitors, Filternoys.

Continental Electric Co.

715 Hamilton St., Geneva, Ill.
Phone: Geneva 4140

President & Treasurer . . . Milton Ritzenberg
Secretary-Sales Mgr. Macdonald Goodwin
Chief Engr. Serge Paksver
Asst. Sect.-Asst. Treas. . . Jane E. DeVleshower
V. P. & Prod. V. A. Carpenter
PRODUCTS: Electronic tubes, phototubes,
rectifier tubes, grid control tubes, fluorescent
lamps, ultra violet and stationary lamps.
Special tubea of all kinds.

Continental Electronics Mfg. Co.

1728 Wood St., Dallas 1, Texas
Phone: Riverside 3611

President James O. Weldon
Vice-President Lester H. Carr
Secretary Dorothy F. Weldon
PRODUCTS: Antenna Phasing Equip-
ment, Radio Frequency Components for
Standard Broadcast Stations, Custom Build-
ing of Radio Transmitting Equipment.

Corning Glass Works

Corning, New York
Phone: Corning 372

President W. C. Decker
Mgr. Electrical Prod. Div. John L. Ward
Mgr. Technical
Prod. Div. Russell Brittingham
PRODUCTS: Glass envelopes for tubes
used for radio receiving, broadcasting, ca-
thode ray, television and all other electronic
purposes, tubing and special sealing glasses,
insulators, coil forms, resistor tubes, metal-
lized glassware, including timmer capacitors,
resistors, etc.

Cornish Wire Co., Inc.

15 Park Row, New York 7, N. Y.
Phone: BArcley 7-5140

President John Cook
V. P. & Gen. Sales Mgr. W. F. Osler, Jr.
Treasurer J. C. Stagg
Secretary J. E. Hoffman
Sales Mgr. & Electric Wire Prod. W. F. Jessup
PRODUCTS: Radio & TV wire products
including electronic and intercommunicating
wires and cables, electric wire products in-
cluding lamp cords, fixture wire, rubber
jacketed cords, and cord sets.

Crosley Division

(Avco Manufacturing Corp.)

1329 Arlington St., Cincinnati 25, Ohio
Phone: KIRhy 6600

Exec. V. P., Avco Mfg. Corp.
Raymond C. Cosgrove
Pres. & Gen. Mgr., Crosley Div. John W. Craig
Gen. Sales Mgr. Norman C. MacDonald
Dir. of Engineering & Research
L. M. Clement
Mgr., Radio & TV Section . . Stanley J. Glaser
Credit Mgr. John J. Hope, Jr.
Purchasing Agent Frank W. Warner
Advertising Mgr. Ellis L. Redden
Industrial Relations Mgr. . . Paul W. Deubery
Export Mgr. Tye M. Lett, Jr.
Service Mgr. Harold A. Newell
Traffic Manager Frank C. Partlan
Pres., Crosley Broadcasting Corp.
(Subsidiary) J. D. Shouse
PRODUCTS: Radio—AM, FM, Television.

De Mornay Budd, Inc.

475 Grand Concourse, New York 51, N. Y.
Phone: MELrose 5-1900

Pres. & Treas. Richard E. DeMornay
Vice President Edward F. Meyers
Secretary Georgia Schlunkert
General Mgr. Stanley Gartman
Executive Engr. Robert L. Clarke
Chief Engr. Walter Zable
New Developments Engr. . . Samuel Freedman
Engineering Rep. Maxwell S. Symon
Dir. of Purchases Jordan Smith
Purchasing Agent Robert Hefferman
PRODUCTS: Research Development and
Production of: Microwave Plumbing, Wave
Guides, Microwave Test Equipment, Micro-
wave Spectroscopy, Radar Systems, Radar
Components, Linear Accelerators (Micro-
wave), Special fittings and plugs, RF systems,
Calorimeters.

Doolittle Radio, Inc.

7421-23 S. Loomis Blvd., Chicago 36, Ill.
Phone: RAcliff 3-4100

President E. M. Doolittle
Sales Manager H. V. Carlson
PRODUCTS: Radio Communications
Equipment, Frequency Monitors.

Allen B. DuMont Labs., Inc.

2 Main Ave., Passaic, N. J.
Phone PASSaic 3-1616

OFFICERS

President Allen B. Du Mont
Vice-President Leonard F. Cramer
Treasurer Paul Raibourn
Secretary Bernard Goodwin
Asst. Treas. J. J. Doughney
Asst. Secy. Arthur Israel, Jr.

Equipment Manufacturers

BOARD OF DIRECTORS

Dr. Allen B. Du Mont, Leonard F. Cramer,
Bruce T. Du Mont, Dr. Thomas T. Goldsmith,
Jr., Paul Raihurn, Bernard Goodwin, Arthur
Israel, Jr., David Van Alstyne, Jr.

DEPARTMENT HEADS

Director of Research

Dr. Thomas T. Goldsmith, Jr.
Mgr. Du Mont TV Network

Lawrence Phillips
Gen. Mgr. Instrument Mfg. Div.

C. Edwin Williams
Mgr. TV Receiver Sales.....Ernest A. Marx

Controller.....B. L. Graham
Advertising Mgr.....H. R. Geyelin

Plant Superintendent.....Bruce T. Du Mont
Dir. of Personnel.....Harry Houston

Mgr., TV Receiver Mfg.....Ricardo Muniz
Mgr., Instrument Div.....Rudolph Feldt

Mgr., Cathode-ray Tube Div.....I. C. Rosenberg
Mgr., Transmitting Equip. Sales.....H. E. Taylor

PRODUCTS: Television Receivers, Transmitters and Studio Equipment, Cathode-Ray Tubes and Oscillographs.

Dumont Electric Corp.

308 Dyckman St., New York 34, N. Y.

Phone: LOrraine 9-2800

President & Chief Engr.....Jacob Katzman
Sales Manager.....Philip Duhilier

PRODUCTS: Paper, electrolytic and mica condensers.

DX Radio Products Co., Inc.

2300-10 W. Armitage Ave., Chicago 47, Ill.

Phone: Armitage 3740

Pres. & Sales Mgr.....George H. Trimmings
Chief Engineer.....Louis J. Patla

Credit Mgr.....C. Banghart
Purchasing Agent.....C. L. Linblade

Advertising Mgr.....M. P. McLean
Industrial Relations Mgr.....M. E. McLean

Export Mgr.....Syd Storch
Production Mgr.....Albert Bowman

Traffic Mgr.....W. Grabarek
PRODUCTS: Transformers.

Hugh H. Eby, Inc.

4700 Stenton Ave., Philadelphia 44, Pa.

Phone: DAvenport 4-7000

President.....James L. Hawley
Secretary.....T. J. Mullaney

General Manager.....George H. Rich
Engineer.....Edward Ritter

Purchasing.....R. E. Weber
Accounting & Credits.....W. T. Lodwig

PRODUCTS: Binding posts and terminals, cable connectors and couplings, custom moldings, electric eyes, headphones, knobs, metal stampings, lugs, microphones, photoelectric relays, photocells, phototubes, plugs, screw-machine parts, speaker connectors, terminal

plugs, terminal strips and blocks, tube shields (miniature), tube sockets, electrical assemblies of all types for radar, telephones, headsets, microphones; jacks.

**Eckstein Radio and
Television Co.**

P. O. Box 343, Le Roy, Minn.

Phone: 191

President.....E. A. Eckstein
Sec'y.-Treas.....E. R. Bostrom

Sales Manager.....R. J. Benjamin
Prod. Mgr.....D. F. Boulett

PRODUCTS: Communication type car receivers (Karadio) Featuring Multi Band & Fixed Frequency. Farna Radios (L'Tatro). Home radios & special purpose sound equipment (Eckco).

Electronic Specialty Co.

3456 Glendale Blvd., Los Angeles 26, Calif.

Phone: NOrmandy 2-2168

President.....David A. Marcus
Vice-Pres.....Win. H. Burgess

Engineer.....B. V. Delltour
Purchasing Agent.....R. T. Liggitt

PRODUCTS: Ranger aircraft radio equipment: transmitters, receivers, and interphone, the transmitter, the electronic inverter which changes A-C to D-C for electric shavers. Television Service Division—install and service television receivers.

Electronic Tube Corp.

1200 E. Mermaid Lane, Phila. 18, Pa.

Phone: Chestnut Hill 7-6800

Pres.Edward D. Gray
V.P.-Chief Engineer.....Henry S. Bamford

Sales Mgr.....George Peterson, Jr.
Credit Mgr.....C. John Seez

Service Mgr.....George Peterson, Jr.
Purchasing Agent.....Paul A. Keller

PRODUCTS: Standard, Multi-gun, Special purpose Cathode-Ray Tubes, Multi-channel oscilloscopes, Electronic Engineering and development.

Emerson Radio & Phonograph Corp.

111 Eighth Ave., New York 11, N. Y.

Phone: CHelsea 2-1800

President.....Benjamin Abrams
Exec. Vice-Pres.....Dorman D. Israel

Secy. & Treas.....Max Abrams
Vice-Pres. Sales.....Charles Robbins

Vice-Pres. Purchasing.....Harvey Tullo
Vice-Pres., Works Mgr.....E. J. Kelly

Controller.....A. Rosen
Dir. of Engineering.....D. E. Harnett

Sales Promotion Mgr.....Stanley M. Abrams
Export Mgr.....Joseph Kattan

Service & Parts Mgr.....George Cohen

Equipment Manufacturers

Personnel Mgr.....P. R. Certo
 Advertising Mgr.....Edward Lane
PRODUCTS: Radio Receivers: Battery—
 Console, Table, Portable, Portable AC-DC;
 Electric — AM Compact, AM Table, AM
 Portable, AM Console, FM Console; FM
 Table; Television—Table models and Con-
 soles; Combinations — Radio-phonograph;
 Record Players.

Espey Manufacturing Co., Inc.

528 E. 72nd St., New York 21, N. Y.
 Phone: BUtterfield 8-2300

President.....Nathan Pinsley
 V. P. & Sales Mgr.....W. Walter Jahlon
 V. P. & Gen. Mgr.....Sol Pinsley
 V. P. & Industrial Sales.....John Benedikt
 V. P. & Eng.....Jack Rosenbaum
 Credit Mgr.....Max Goldberg
 Export Mgr.....J. E. Chorlian
 Chief Eng.....Sam Sach
PRODUCTS: AM-FM-Chassis, AM-FM-Tun-
 ers, High Fidelity Amplifiers, Power Supplies,
 AM-FM Front End Tuners, 3"-Television Kits.

Fada Radio & Electric Co., Inc.

525 Main St., Belleville 9, N. J.
 Phone: BE 2-5680

President.....J. M. Marks
 Secretary-Treasurer.....D. I. Marks
 Chief Engr.....Herbert O. Wilson
 Vice Pres.....S. N. Marks
 Asst. Seety.....I. N. Marks
 Advertising, Export Manager...H. N. Lubet
 Supt.J. Lewandowski
PRODUCTS: AM-FM Table Model Radio,
 Table Model Television Receiver, Projection
 Console Model Television.

Fairchild Recording Equipment Corporation

88-06 Van Wyck Blvd., Jamaica 1, N. Y.
 Phone Jamaica 6-3800

President.....Sherman M. Fairchild
 Vice-Pres.....W. D. Fling
 Advertising & Sales Mgr.....Jay H. Quinn
 Treasurer.....J. B. Wolff
PRODUCTS: Sound Recorders (disk),
 Magnetic Tape Recorders, Transcription
 Tables, Magnetic Cutterheads, Dynamo Pick-
 ups, Pickup Equalizers, Unitized Amplifier.

Farnsworth Television & Radio Corp.

3702 E. Pontiac St., Fort Wayne 1, Indiana
 Phone: Anthony 5301

President.....E. A. Nicholas
 Vice-President-Secretary.....E. M. Martin
 Vice-President—Sales.....D. M. Allgood
 V. P. Engineering.....B. Ray Cummings
 Vice-Pres.—Mfg.....William Clausen
 Treas.....Paul H. Hartmann

Assistant Secretary-Assistant
 Treasurer.....C. H. Wiggin
 Auditor.....W. F. Hoepfner
 Dir. of Research & Advanced Engineering
 Philo T. Farnsworth
 Chief Engineer, Electronic Apparatus
 Division.....J. C. Ferguson
 Chief Engineer, Radio-Television
 Department.....W. H. Myers
 Manager of Advertising and Sales
 Promotion.....John S. Garceau
 Mdse. Mgr.....I. C. Hunter
 Manager of Mobile Communications
 Division.....John A. Curtis
 Director of Purchases.....E. S. Needler
 Credit Manager.....Arthur E. Sibley
PRODUCTS: AM-FM radios and Capehart
 phonograph-radios; automobile radios, tele-
 vision receivers, television transmitting equip-
 ment, television studio equipment, television-
 telemetering equipment, FM transmitters,
 railroad radio communications equipment,
 mobile communications equipment automatic
 record changers, television tubes, television
 antennas.

Federal Telephone and Radio Corp.

100 Kingsland Rd., Clifton, N. J.
 Phone: NUtley 2-3600

President.....Ellery W. Stone
 Asst. V. P. in Chg. of Sales...A. W. Rhinow
PRODUCTS: For AM — Complete broad-
 cast systems: transmitters, transmitting and
 rectifying tubes, Pulse-Time-Modulation Re-
 lay Systems, cables, field intensity meters,
 consoles, microphones and associated speech
 input and transmitter control equipment. For
 FM—Complete broadcast systems: transmit-
 ters, transmitting tubes, field intensity meters,
 cables, consoles, microphones and associated
 speech input and transmitter control equip-
 ment, Square Loop transmitting antennas,
 studio-transmitter-links, microwave relay sys-
 tems, transmitter monitors, dummy antennas.
 For TV-Transmitters and complete broadcast
 equipment, microwave relay systems, trans-
 mitter monitors, high-gain antennas.

Finch Telecommunications, Inc.

4th & Virginia Sts., Passaic, N. J.
 Phone: Passaic 2-3440

President.....W. G. H. Finch
 Asst. to Pres.....J. C. Crost
 Dir. Research.....Dr. LaVerne Philpott
 Purchasing Agent.....Frank R. Brick, Jr.
PRODUCTS: Facsimile, recording paper,
 Finch rocket antennas.

A. W. Franklin Mfg. Corp.

43-20 34th St., Long Island City 1, N. Y.
 Phone: STillwell 4-1160

President.....Albert W. Franklin

Equipment Manufacturers

V.P.—Engineering Prod.. Joseph M. Vananzi
Vice-President—Sales.....N. H. Lawton
Credit Manager.....Fred Weller
Purchasing Agent.....S. Yurman
PRODUCTS: Sockets, plugs, switches,
terminal strips, plastic and metal fabrica-
tions and assemblies, locking rings, metal
stampings, plastic molded products, air-loops.

Freed Radio Corp.

200 Hudson St., New York 13, N. Y.
Phone: WAlker 5-8765

President.....Arthur Freed
Chief Engineer.....Murray Weinstein
Purchasing Agent.....Sam Abramson
Advertising Mgr.....Harold S. Boxer
Industrial Relations Mgr.....Jack Horowitz
Dir. of Res. & Devel.....Joshua Sieger
PRODUCTS: Manufacturer of Freed-Eise-
mann high-fidelity radio-phonograph com-
binations, all incorporating frequency modu-
lation band.

Garod Radio Corporation

70 Washington Street, Brooklyn 1, N. Y.
Phone: MAin 4-6044

President.....Leonard Ashbach
Asst. to President.....Maurice Raphael
Vice-President.....Louis Silver
Chief Engineer.....Barnet S. Trott
Gen. Sales Mgr.....Louis Silver
Credit Manager.....Benjamin Orlin
Purchasing Agent.....Sol Prediger
Export Manager.....Ernest Nigaglioni
Service Manager.....Carl Volpe
PRODUCTS: Receivers: Battery—Console,
Table, Personal, Portable; Electric — AM
Midget, AM Table, AM Console, AM Portable
AC-DC, AM Console with Phonograph, AM
Console with Phonograph and Recorder;
AM-FM Table, AM-FM Console with Phono-
graph; AM-FM Console with Phonograph
and Recorder; Television—Table, with FM,
with AM, with FM-AM; Console, with FM,
with AM, with FM-AM and Phonograph.
Record Players.

Gates Radio Company

123 Hampshire Street, Quincy, Illinois
Phone: 522

President.....P. S. Gates
Executive V. P.....L. L. McEwen
V. P. Research & Sales Co-ordination
F. O. Grimwood
Adv. Manager.....F. J. Pippenger
Chief Engineer.....F. W. Wentura
Prod. Mgr.....A. D. Myers
Credit Mgr.....L. H. Seileman
Exec. Secy.....A. D. Petzoldt
Purchasing Agent.....J. P. Bowers
PRODUCTS: Transmitters: AM Broadcast,
FM Broadcast, Communications, Shortwave,

Speech Input: Consoles, Remote Amplifiers,
Program Amplifiers, Monitoring Amplifiers,
Pre-amplifiers, Recording equipment, Cust-
om built studio systems, AM Frequency and
Modulation Monitors.

General Electric Electronics Department

Electronics Part, Syracuse 1, N. Y.
Phone: 6-4411

Vice-Pres.....Dr. W. R. G. Baker
Comptroller.....E. L. Hulse
Mgr., Receiver Div.....I. J. Kaar
Mgr., Transmitter Div.....C. A. Priest
Mgr., Tube Division.....J. M. Lang
Mgr., Specialty Div.....G. F. Metcalfe
Mgr. of Marketing.....E. H. Vogel
Gen. Sales Mgr.....A. A. Brandt
PRODUCTS: Receivers, Transmitters,
Tubes, Components.

General Electronics Inc.

101 Hazel St., Paterson 3, N. J.
Phone: Sherwood 2-5271

Treasurer.....D. E. Replogle
Vice-President.....A. C. Moeller
Sales Manager.....C. G. Hampson
Production Engineer.....J. McCaulley
Chief Engineer.....R. Shima
PRODUCTS: Three and 5 inch Projection
Tubes, 10, 12½, and 15 inch Direct View
Cathode Ray tubes.

The General Industries Co.

Olive & Taylor Sts., Elyria, Ohio
Phone: 2235

President.....A. W. Fritzsche
Treasurer.....C. F. Russert
Vice-Pres., Sales Mgr. of Mechanical Div.
H. E. Moon
Vice-Pres., Sales Mgr. of Plastics Div.
Steve Hildebrand
Chief Engr.—Mechanical Div.
Howard Shumaker
Chief Engr.—Plastics Div.....Russell Smith
Purchasing Agent.....Clete Heinrich
PRODUCTS: Molded plastics — electric
spring phonograph motors, record changers;
recorders — combination record changer;
heater and defroster motors.

General Instrument Corp.

829 Newark Ave., Elizabeth 3, N. J.
Phone: Elizabeth 3-4400

Chairman of Board.....C. Russell Feldman
Pres. & Treas.....R. E. Laux
V. P. in Chg. of Sales.....Don J. Phelps
Sales Manager.....G. P. Marron
Chief Engineer.....B. N. Fisher
Credit Manager.....W. J. Kauw
Dir. of Purchases.....C. B. L. Townley

Equipment Manufacturers

Purchasing Agent.....C. F. Richardson
 Export Mgrs.....Ad. Auriema, Inc.
 PRODUCTS: Variable condensers, push
 button devices, record changers, loud speak-
 ers, TV front & tuners.

General Laminated Products, Inc.

2857 South Halsted Street, Chicago 8, Ill.
 Phone: Victory 0707

President.....Morris Perlman
 Chief Engineer.....Alfred Schofield
 Purchasing Agent.....Ernest Neustadter
 Sales Mgr.....L. Tenenberg
 PRODUCTS: Coil Forms, Sockets, Fabri-
 cators of Laminated Phenolic Materials.

General Radio Co.

275 Massachusetts Ave., Cambridge 39, Mass.
 Phone: TRowbridge 6-4400

Chairman of Board.....H. B. Richmond
 President.....E. H. Locke
 Vice-Pres. for Sales.....A. E. Thiessen
 Vice-Pres. for Mfg.....C. C. Carey
 Secretary-Treasurer.....F. L. Tucker
 Export Mgr.....C. E. Hills, Jr.
 Chief Engineer.....M. Eastham
 Publicity Mgr.....C. E. Worthen
 Service Mgr.....H. H. Dawes
 PRODUCTS: Precision radio and elec-
 tronic laboratory and testing instruments,
 FCC approved standard broadcast AM fre-
 quency and modulation monitors; FM and
 TV monitoring equipment; Variacs, Stro-
 botacs.

The Hallicrafters Co.

4401 W. 5th Ave., Chicago 24, Ill.
 Phone: VAn Buren 6-6300

President.....William J. Halligan
 Exec. Vice-Pres.....R. W. Durst
 Vice-Pres. & Engr.....Nelson P. Case
 Gen. Sales Mgr.....R. J. Sherwood
 Asst. to Pres.....R. L. Russell
 Secy.-Treas.....J. J. Frenndreis
 Asst. Treas.....M. P. Heinz
 Asst. Sec. & Purch. Agent.....E. J. Corcoran
 Sales Manager.....M. Scott
 Advertising Mgr.....Charles J. Nesbitt
 Works Manager.....G. H. Hartley
 PRODUCTS: Television Receivers, FM &
 AM Broadcast Receivers, Communications
 Receivers, Radio Transmitters.

The Hammarlund Mfg. Co., Inc.

460 West 34th St., New York 1, N. Y.
 Phone LOngacre 5-1300

President.....Lloyd A. Hammarlund
 V-P & Treasurer.....Joseph Lush
 Secretary-Comptroller.....E. A. Wittmer
 Chief Engr.....Walter Keith
 PRODUCTS: Manufacturers of precision
 communications equipment.

Hartenstine-Zane Co., Inc.

225 Broadway, New York 7, N. Y.
 Phone: BA 7-8390-1

Gen. Mgr. & Sec.....Chas. J. Hartenstine
 Asst. Sec.....M. A. Hartenstine
 PRODUCTS: Specialize in the design of
 tower foundations; erecting, lighting and
 painting radio towers; installing ground sys-
 tem for AM Broadcasting and all types of
 antennae and accessories for FM & TV Sta-
 tions; Maintenance of radio towers, obstruc-
 tion lighting equipment and FM & TV an-
 tennae.

Harvey Radio Laboratories, Inc.

447 Concord Avenue, Cambridge 38, Mass.
 Phone: TRowbridge 6-2800

President.....Frank Lyman, Jr.
 Dir., Contract Adminis.....B. H. Dean
 Dir., Contract Engineering.....R. H. DeWitt
 Clerk of Corp.....Ronald W. Martin
 Chief Engineer.....Bernard J. Cosman
 Purchasing Agent.....Frank Waterhouse
 Comptroller.....Gordon C. Genthner
 Prod. Mgr.....George Tompkins
 Personnel Dept.....Mary Rizzitano
 PRODUCTS: High Fidelity Frequency
 Modulation Broadcast Transmitting & Studio
 Equipment, Short-wave Telephone and Tele-
 graph Transmitters, High Fidelity FM Broad-
 cast Receivers, Regulated Power Supplies,
 I-F Strips, Visual Alignment Signal Gener-
 ators, Galvascopes and associated radio and
 electronic equipment, Two-Way Communica-
 tion equipment, emergency.

Hazeltine Electronics Corp.

58-25 Little Neck Pkwy., Little Neck, N. Y.
 Phone: FLushing 7-0300

President.....W. A. MacDonald
 Exec. Vice Pres.....W. H. Grinditch
 Vice Pres.....Laurence B. Dodds
 Vice Pres.....Jack Binns
 Vice Pres.....Fielding Robinson
 Vice-Pres.....Commo. Jennings B. Dow
 Treasurer.....John D. Grayson
 Secretary.....Paul Armitage
 Dir. of Eng.....Arthur V. Loughren
 PRODUCTS—Test Loop Antenna, Imped-
 ance Measuring Equipment, Synchroscope,
 R-F Alignment Generator, Picture Modulated
 Generators, Modulation Monitor Receiver,
 I-F Alignment Generator, Black & White
 Signal Generator, R-F Mixing Pad, Impulse
 Signal Generator, Scanning Linearity Gen-
 erator, Pulse Cross Generator, Tuner Test
 Jig, Picture & Sound Modulated Generators.

Haydu Brothers

P. O. Box 1226, Plainfield, New Jersey
 Phone: Plainfield 6-0878

President.....George K. Haydu

• • • **Equipment Manufacturers** • • •

Chief Engineer.....Zoltan Haydu
Sales Mgr.....Al Fleischmann
PRODUCTS: Television Antenna.

Hoffman Radio Corp.

3761 S. Hill St., Los Angeles 7, Calif.
Phone: RI 75671

PresidentH. L. Hoffman
Vice-Pres. & Sec.....W. D. Douglas
Sales Manager.....R. J. McNeely
Treasurer.....C. E. Underwood
Works Manager.....E. P. Gertsch
Dir. of Purchasing.....S. L. Spraggins
Personnel Dir.....W. V. Phillips
PRODUCTS: AM Table Model Radios, AM-FM Radio-Phonograph Combinations, Home Recording (Musicord), Wire Recording, AM-FM Radio-Phonograph Combinations with Home Recording, Television Console, AM, Radio-Phonograph, Television Combination.

Howard Radio Co.

1731-35 Belmont Ave., Chicago 13, Ill.
Phone: Diversey 2000

President.....Joseph F. Riley
Sales & Export Mgr.....J. M. Muniz
Sales Mgr.....Howard C. Briggs
Chief Engineer.....W. James
PRODUCTS: AM-FM radios and phonograph combinations, television receivers and other electronic products.

Hytron Radio & Electronics Corp.

P. O. Box 390, 76 Lafayette St., Salem, Mass.
Phone: Salem 2260

President.....Bruce A. Coffin
Vice-Pres.....Edgar M. Batchelder
Chairman of Board-Treas.....Lloyd H. Coffin
Sales Manager.....John Q. Adams
V. P. Chg. of Engineering...C. F. Stromeyer
Credit Manager.....M. S. Jones
Purchasing Agent.....Edward R. Carroll
Industrial Relations Mgr.....A. S. Nelson
Export Mgr.....W. L. Urquhart
Advertising Manager....Harry G. Burnett
PRODUCTS: Receiving and electronic tubes; special purpose tubes, ultra violet sun lamps, hallast, voltage regulators.

The Indiana Steel Products Co.

6 N. Michigan Ave., Chicago 2, Ill.
Phone: FRAnklin 2-1114

President.....A. D. Plamondon, Jr.
V. P. & Sales Mgr.....R. F. Smith
Gen. Mgr.....D. D. Cleghorn
Adv. Mgr.....I. A. Dickey
PRODUCTS: Permanent Magnets: Alnico, Cunico, Cunife, Indalloy, Vectolite, Silmanal, Cohalt, Chrome and Tungsten; Magnetic Recording Tape: Hyflux; Magnetic Tape Recording and Playback Heads.

Insuline Corp. of America

36-02 35th Ave., Long Island City 1, N. Y.
Phone AStoria 8-3738

President.....S. I. Spector
Sales Manager.....Bernard L. Cahn
Secretary.....A. S. Spector
Adv. Manager.....A. S. Chambers
Supt.F. Henneke
Purchasing Agent.....H. Weston
Design Engineer.....C. J. Spector
Personnel Dir.....C. K. Horwitz
Chief Engineer.....John Donato

PRODUCTS: Radio Receiving-Transmitting Parts and Accessories, Stamping Metal Goods, Radio Chassis, Metal Cabinets, Plugs, Jarks, Sockets, Screw Machine Parts, Test Tools, Test Leads, Auto Antennas, Auto Radios Noise Suppressors, TV Antennas, TV Accessories, FM Antennas, FM Accessories.

**International Detrola Corporation
Caswell-Runyan Division**

East Franklin St., Huntington, Ind.
Phone: 3100

General Manager.....Adolph H. Srenkel
Sales Mgr.....Fred Tower
PRODUCTS: Radio cabinets.

International Resistance Co.

401 N Broad St., Phila. 8, Pa.
Phone: Walnut 2-2166

President.....Ernest Searing
Vice-Pres., Sales.....Harry Ehle
Vice-Pres. Research.....Jesse Maraten
Chief Eng.....William H. Knowles, Jr.
PRODUCTS: Fixed and variable resistors.

J. F. D. Manufacturing Co., Inc.

16th Ave. at 61st., Brooklyn 4, N. Y.
Phone: GEDney 8-3100

President.....Julius Finkel
Vice-PresidentAlbert Finkel
Secty.Edward Finkel
Advertising Mgr.....James Sarayiotos
Development Engr.....Albert Friedman
Production Engineer.....M. Director
Factory Foreman.....O. Maltzman

PRODUCTS: Television Antennas, FM Antennas; TV Antenna Brackets, Insulators, Wire, Masts, Glare Filters; Key hex wrenches, Bristo spline wrenches, plugs, male; female; AC-DC Continental and Domestic Test Leads, Test Prod., Phono Needles, Grille Cloth, Dial Pointers, Steel Ruler and Wire Gauge, Line Cords—Resistance Cords; AC Service Cords, "Sockette" Radio Tube Adapters, Exact Duplicate Ballast Tubes, Phosphor Bronze Dial Cable, Battery Adapter Harnesses, Adjustable Ballast Tubes, Resistance Cord Adapters, Phono Adapter

• • • **Equipment Manufacturers** • • •

Switches, Microphone Connectors, Midget Jacks & Plugs, Toggle Switches, Auto Condensers, Speaker Cement, Antennae Loop, Auto Antennae, Battery Plug, Tube Shields, Radio Wire, Suppressors, Dial Belts, Dial Cord.

—

**The Jackson Electrical
Instrument Co.**

16-18 S. Patterson Blvd., Dayton 1, O.
Phone: Hemlock 4076

President.....Paul F. Jackson
Vice-Pres.....Robert C. Apple
Sales Manager.....Myron Fulkerson
Production Mgr.....William Hagstrum
PRODUCTS: Dynamic Tube Testers, Condenser Tester, V.T.V.M., Audio Oscillator, AM-FM Signal Generator, TV-FM Signal Generator.

—

Jefferson Electric Co.

25th Ave. & Madison St., Bellwood, Ill.
Phone MANSfield 7161

President.....J. C. Daley
Vice-President.....R. A. Hoagland
V.P., Engineer.....L. Mauener
Executive Engineer.....R. J. Horstman
Credit Manager.....Victor E. Lee
Export Manager.....M. J. Schmitt
Director of Purchases.....Edward J. Banigan
PRODUCTS: Power transformers, chokes and audio input and output transformers, television deflecting yokes, horizontal and vertical scanning transformers, centering and focusing coils.

—

Jensen Manufacturing Co.

6601 S. Laramie Ave., Chicago 38, Ill.
Phone: PORTsmouth 7-7600

President.....Thomas A. White
Purchasing Agent.....George H. Turner
Advertising Manager.....Bayard H. Clark
Comptroller.....John W. Henderson
Export Manager.....J. G. Corrigan
PRODUCTS: Loudspeakers, reproducers, Projectors, Cabinet, Transformers.

—

Johns-Manville

22 East 40th St., New York 16, N. Y.
Phone LEXington 2-7600

Chairman of the Board.....Lewis H. Brown
President.....R. W. Lca
V.P. & Asst. to Ch. of the
Board.....J. P. Syme
V.P. (Relationships).....L. C. Hart
V.P. (Finance).....Alvin Brown
V.P. (Production).....A. R. Fisher
V.P. (Sales).....L. M. Cassidy
V.P. (Research).....C. F. Rassweiler
Treasurer.....Roger Hackney
Secretary.....Vandiver Brown
PRODUCTS: Acoustical Materials.

—

Kerrigan Lewis, Mfg. Co.

4421 W. Rice St., Chicago 51, Ill.
Phone: SPaulding 2-7208

President.....Vincent M. Kerrigan
Vice-Pres.....Charles F. Lewis
TREASURER.....
PRODUCTS: Magnet and Litzendrahl Wire.

—

Kimble Glass

Division of Owen-Illinois Glass Co.

Ohio Bldg., P. O. Box 1035, Toledo 1, Ohio
Phone: MAIn 7131

V. P. & Gen. Mgr.....S. J. McGiveran
Gen. Sales Mgr.....E. B. Dennis, Jr.
Sales Mgr., Industrial & Electronics
J. P. Kearney
Mgr. Sales Promotion.....Harlan Hobbs
PRODUCTS: Cathode Ray Bulbs, hand blown hard and soft glass bulbs, and lime glass tubing, Electronic Glass, Tube & Rod Specialties.

—

King Laboratories, Inc.

127 Solar St., Syracuse 4, N. Y.
Phone: 2-5209

President.....Aden J. King
Vice-President.....F. M. Michaelian
Treas. & Gen. Mgr.....W. R. MacLeod
Secy.....Barbara H. Sisson
PRODUCTS: Special alloys, chemicals and metals, radio tube parts, metal punchings and stampings, barex getters.

—

Kings Electronics Co., Inc.

372 Classon Avenue, Brooklyn 5, New York.
Main 2-2086

President.....M. R. Weissman
Sales Mgr.....L. Willis
Chief Engineer.....C. Nuremberg
Treasurer.....P. Kay
Credit Mgr.....E. Jordan
Purchasing Agent.....M. R. Weissman
Export Mgr.....L. Willis

PRODUCTS: FM, Television and Ham Antennas, Variable Condensers, Microphone Plugs and Jacks, Co-axial Connectors, Wave Guides, Wave Traps, Radar Assemblies, Special Electronic Equipment, Television Antenna and Installation Service for Television Manufacturers in Metropolitan New York and Long Island.

—

Langevin Manufacturing Corp.

37 W. 65th St., New York 23, N. Y.
Phone: EN 2-7200

President.....Carl C. Langevin
V. P. & Gen. Mgr.....J. Martinez
Chief Eng.....William M. Dallin
Sales Promotion Mgr.....Howard A. Harkavy
Asst. Treas.....Andrew Prins

• • • **Equipment Manufacturers** • • •

PRODUCTS: Audio Amplifiers for AM-FM-TV studio applications, Program automatic gain control and limiting amplifier.

Lehigh Structural Steel Co.

17 Battery Place, New York 4, N. Y.
Phone Whitehall 4-1424

Contact.....J. F. Neary
PRODUCTS: Vertical Radiators, Antenna Towers and Masts. Supporting Towers for FM and Television.

John E. Lingo and Son, Inc.

2814 Buren Ave., Camden, N. J.
Phone Camden 0487

President.....J. E. Lingo
Asst. to President.....Joseph J. Taylor
Chief Engineer.....Wesley Thompson
Production Superintendent...George Burrows
PRODUCTS: Vertical Radiators; Guyed Tubular Steel and Portable Dural; Turnstile and UHF Antennae, Tubular Steel Supporting Poles (for UHF Antennae).

Machlett Laboratories, Inc.

1063 Hope Street, Springdale, Conn.
Phone: Stamford 4-5781

President.....R. R. Machlett
Vice-Pres. of Sales.....W. E. Stevenson
Treasurer.....J. A. Lambert
Vice President.....H. J. Hoffman
Mgr. Engineer.....T. H. Rogers
Adv. Mgr.....R. N. Kellogg, Jr.
Industrial Rel. Mgr.....R. Gordon Hamblen
Export Mgr.....A. J. Foster
PRODUCTS: X-ray tubes for all medical, industrial and special purposes, Valve Tubes, Radio Transmitting Tubes, Communication Tubes, R.F. Heating Tubes.

The Magnavox Company

2131 Bueter Rd., Fort Wayne 4, Indiana
Phone: Anthony 5474

President & Treasurer...Richard A. O'Connor
Executive Vice-President...Frank Freimann
Factory Manager.....L. E. Quinnell
Chief Electrical Engineer, Radio-Phonograph Division...R. H. Dreisbach
Sales Manager—Components Div.

Stanley S. Sondles

PRODUCTS: Receivers: Combinations radio-phonograph, radio-phonograph modulation-table, console, FM-AM console, television-console, speakers, capacitors, solenoids, sound slide film equipment.

John Meck Industries, Inc.

Liberty at Pennsylvania Sts., Plymouth, Ind
Phone: 33

President.....John S. Meck

Credit Mgr.....Russell C. Eggo
Chief Engineer.....J. J. Jones
Purchasing Agent.....W. Ebel
Traffic Manager.....H. McKee

PRODUCTS: Battery — Table, Personal, Portable, Portable AC-DC; Electric — AM Midget, AM Table, AM Console, AM Portable AC-DC, AM Table with Phonograph, AM Console with Phonograph, AM-FM Table, AM-FM Console, AM-FM Table with Phonograph, AM-FM Console with Phonograph; Television—Table, Console, AM Table, FM Table, AM-FM Table, AM Console, AM-FM Console, AM Console with Phonograph, AM-FM Console with Phonograph.

**Meissner Mfg. Division
Maguire Industries, Inc.**

Bellmont & Seventh Sts., Mt. Carmel, Illinois
Phone: 733

President.....Russell Maguire
Sales Manager.....R. E. Burrows
Advertising Manager.....R. E. Burrows
General Manager.....Fred Lester
Chief Engineer.....W. J. Harrison
Credit Manager.....LaFrieda Kivett
Purchasing Agent.....J. C. Hershman

PRODUCTS: AM & FM radio receivers, radio-phonograph combinations, radio amateur equipment, radio coils for replacement, radio coils for equipment, radio servicemen's test equipment, television chassis, television components and complete television receivers.

Measurements Corp.

116 Monroe St., Boonton, N. J.
Phone: Boonton 8-2131

President-Gen. Mgr.....H. W. Houck
Chief Engineer.....Jerry B. Minter
Chief Research Engineer...John van Beuren
Sales Mgr.....Nelson C. Doland, Jr.
Credit Mgr.....Robert Meyer
Advertising Mgr.....Edgar M. Weed

PRODUCTS: Standard Signal Generators, Pulse Generators, Square Wave Generators, UHF Radio Noise & Field Strength Meters, Vacuum Tube Voltmeters, Peak Voltmeters, Megohm Meters, Megacycle Meters, R.F. Attenuators, Inductance Bridges, Capacitance Bridges, Phase Sequence Indicators, Moisture Meters, Television Transmission and Receiving Test Equipment, Special Test Equipment, Fixed Capacitors and Resistors, Variable Condensers.

Miles Reproducer Co., Inc.

812 Broadway, New York 3, N. Y.
Phone: SPring 7-7670-1

President.....Dr. S. R. Birne
Sec.-Gen. Mgr.....J. M. Kublik, Se.D.

Equipment Manufacturers

Chief Engr. I. W. Kublik
 Purchasing Agent. J. V. Conniff
 Treasurer. H. B. Kuhlik
 Advertising Mgr. B. Burns
 Dir. of Pub. Rel. George Ruskin
PRODUCTS: Filmgraph Sound-on-Film Recorders & Reproducers, Continuous Recorders & Reproducers, Tape Recorders & Reproducers, Automatic Recorders and Reproducers, Permanent Recorders and Reproducers, Reference Recorders, Conference Recorders, Telephone Recorders, Interview Recorders, Telemike — Induction Units for listening to or recording two-way Telephone Conversations.

James Millen Mfg. Co., Inc.

150 Exchange St., Malden 48, Massachusetts.
 Phone: Malden 4-4108-9

President James Millen
 Sales & Engr. Mgr. E. E. Williams
 Credit Manager. Frances Bearse
 Purchasing Agent. George E. Pike
 Export Manager. Carl Lohman Janik
 Chief Engineer. Wade Caywood

PRODUCTS: Receivers: Amateur, Aviation, Marine, Police, Emergency Services. Transmitters: Relay, Fixed Station, Marine, Aviation, Police, Emergency Services. All types Receiver and Transmitter component parts except Tubes; Crystals, Fixed Resistors and Capacitors.

Mirror Record Corp.

1133 Broadway, New York 10, N. Y.
 Phone CH 3-2222

Pres. & Treas. Paul K. Trautwein
 Chief Engr. R. V. Hough
PRODUCTS: Recording accessories (discs, cutting needles, playback needles).

Motorola, Inc.

4545 Augusta Boulevard, Chicago 51 Illinois.
 Phone: Spaulding 2-6500

President. Paul V. Galvin
 Vice Pres. in Charge of Automotive Division. Elmer H. Wavering
 Vice Pres. in Charge of Home Products Division. Walter H. Stellner
 Vice Pres. in Charge of Communications & Electronics Division. D. E. Noble
 Sales Manager. Wm. H. Kelley
 Chief Engineer, Auto Radio. Jack Davis
 Chief Engineer, Home Radio. Gus Wallin
 TV Engineering Heads. Raymond Yoder, George Fyler.
 Engineering Heads, Communications Div. L. P. Morris, M. E. Bond, W. E. Phillips.
 Treasurer. George R. MacDonald
 Vice Pres. in Charge of Purchasing Frank J. O'Brien

Credit Manager. Henry Kleinbans
 Export Manager. Carl M. Wynne
 Service Manager. A. T. Alexander

PRODUCTS: Receivers: Battery — Automotive, Table, Personal; Electric — AM Table, AM Console, AM Portable AC-DC, AM Console with Phonograph; FM Table, FM Console, FM Console with Phonograph; AM-FM Console, AM-FM Console with Phonograph; Television—Table, with AM; Console, with AM; Amateur, Aviation, Marine, Police, Emergency Service, Taxicabs, Trucks and Busses, Walkie-Talkie; Record Players. Transmitter: FM Broadcast, VHF Broadcast, Fixed Station, Marine, Aviation, Police, Emergency Services.

The Muter Co.

1255 S. Michigan Ave., Chicago 5, Ill.
 Phone: Wabash 2-8800

President-Treasurer. Leslie F. Muter
 V.P.-Credit Manager. A. A. Dailey
 V. P. & Chief Engineer. K. E. Rollefson
 Purchasing Agent. A. R. Campbell
 Chief Engineer for Prod. C. M. Krocmer
 Superintendent. W. C. Rowley
 Industrial Relations Mgr. Miss Wilma Palm

PRODUCTS: Resistors, switches, ceramic condensers, ballasts, coils, spirashields, antenna loops, I. F. and R. F. transformers, Audio transformers and speakers.

National Carbon Co., Inc.

30 East 42nd St., New York 17, N. Y.
 Phone: MUrray Hill 7-8000

President. A. V. Wilkor
 Vice-Pres. & Gen. Mgr. J. M. Spangler
 Vice-Presidents. C. O. Kleinsmith,
 Gen. Sales Mgr. Cons. Prods. R. P. Bergan
 Mgr. Battery Eng. Dept. W. H. Fritz
 H. M. Warren

PRODUCTS: "Eveready" "Mini-Max" "B" batteries for portable and farm type receivers, "Eveready" dry cells, "Eveready" flashlight batteries for miniature receivers, "Eveready" "Air Cell" batteries for 2-volt and 1.4 volt receivers.

National Union Radio Corp.

350 Scotland Rd., Orange, N. J.
 Phone: Orange 2-6600

President K. C. Meinken
 Vice President. G. A. Bodem
 Treasurer W. H. Carey
 Secretary J. V. Deevy
 Credit Manager. H. A. Pope
 Advertising Manager. E. J. Maginot

PRODUCTS: Electron Tubes: Receiving; Transmitting; Cathode Ray; Special Purpose; Phototubes; Research & Development. Capacitors, Batteries, Dry, Ballasts, Panel Lamps, Volume Controls, Auto Vibrators.

Equipment Manufacturers

New York Transformer Co., Inc.

Third Avenue, Alpha, New Jersey
Phone Phillipsburg 5-1188

President.....Joseph B. Schaefer
Sales Manager.....Thomas B. Armstrong
Chief Design Engineer...Ernest D. Belanger
Chief Engineer.....George Pappas
Purchasing Agent.....Carl Seefor
Plant Superintendent.....A. H. Coover
Controller.....Kenneth Llewelyn

PRODUCTS: Transformers and Reactors for TV, Radios, Transmitters, and Receivers; Audio Frequency Coils; Electronic Control Devices, etc.

Olympic Radio & Television Inc.

34-01 38th Ave., Long Island City, N. Y.
Phone: STillwell 4-6961

President.....A. A. Juviler
Exec. Vice-President.....P. L. Schoenen
Vice-Pres.-Treasurer.....M. Sobin
Director of Sales.....Al Friedman
Purchasing Engineer.....W. Hegyi
Office Manager.....L. Haber

PRODUCTS: Complete line of home receivers. AM and FM television receivers.

Oxford Electric Corp.

3911 S. Michigan Ave., Chicago 15, Ill.
Phone: ATlantic 5-6161

President.....John A. Proctor
Credit Manager.....David E. Davis
Service Manager.....John A. Proctor, Jr.
Chief Engineer.....A. D. Hines

PRODUCTS: Radio speakers, output and line transformers.

Packard-Bell Co.

3443 Wilshire Blvd., Los Angeles 5, Calif.
Phone: FAirfax 2141

Pres. & Gen. Mgr.....Herbert A. Bell
Vice-Pres.....J. M. Spain
Secy.-Treas. & Controller....Lowell R. Day
Asst. to Pres.....Robert S. Bell
Sales Dir.....Wm. H. Cies
Purchasing Agent.....A. T. Baxter
Plant Manager.....C. E. Davies
Personnel Dir.....C. E. Askin
Chief Engineer.....C. A. Nichols

PRODUCTS: Radios, phonographs, home recording instruments, FM and Television equipment.

Philco Corp.

Tioga & C Sts., Philadelphia 34, Pa.
Phone: NEbraska 4-5100

President.....William Balderston
V. P. & Gen. Sales Mgr.....John M. Otter
V. P. Radio and TV Div.....Larry F. Hardy
V. P. in Chg. Industrial Div..Leslie J. Woods

V. P. in Chg. of Engineering and Research

D. B. Smith
Chief Engineer.....Palmer M. Craig
Credit Manager.....E. W. Mayhew
Dir. of Purchases.....R. A. Boyce
Advertising Mgr.....John F. Gilligan
Industrial Relations Mgr...Harold W. Butler
Export Manager.....D. W. McIntosh
V. P. in Chg. of Parts and Service

James M. Skinner, Jr.
Traffic Manager.....J. Lorek

PRODUCTS: Radios, Radio-Phonographs, Refrigerators, Television Receivers, Home Air Conditioners, Freezers, Automobile Radios, Accessories.

Philmore Mfg. Co.

113 University Pl., New York 3, N. Y.
Phone: ALgonquin 4-3363

President.....Philip Schwartz
Chief Engineer.....Reginald Burke
Credit Manager.....C. Mildred
Export Manager.....M. Greenker
Purchasing Agent.....Murray Granat

PRODUCTS: Amateur Radio-TV sets, crystal sets, microphones (carbon type), detectors plugs, 1, 2 and 3-tube receivers, headphones, signal keys, short wave and broadcast plug-in coils, aerial kits, speaker microphones.

Pilot Radio Corp.

37-06 36th St., Long Island City 1, N. Y.
Phone: STillwell 4-5455

President.....Isidor Goldberg
Executive Vice-President.....E. L. Hall
Secretary-Treasurer.....I. W. Wyckoff
General Works Mgr.....J. Benjamin
Sales Manager.....Sidney Jurin
Purchasing Agent.....B. Jablow
Export Sales Manager.....E. L. Hall
Chief Engineer.....Dr. W. Auerbacher

PRODUCTS: AM-FM table models and phono combinations, portable radio receivers and television receivers, non-breakable pilotone vinylite records.

Press Wireless Mfg. Co., Inc.

Cantiague Rd., Hicksville, L. I., N. Y.
Phone: FIEldstone 7-2330

President.....T. Mitchell Hastings, Jr.
Treasurer.....Chester T. Cook
Chief Engineer.....Earl E. Eldridge
Purchasing Agent.....Clyde B. Rush
Sales Manager.....J. Harvey McCoy

PRODUCTS: Transmitters any power rendering A-1, A-2, A-3 service, Frequency Shift Keyer for transmission, Frequency Shift Monitors for transmission, Frequency Shift Converters—Teletype transmission and reception, Anti-Fade—Exalted carrier in diver-

Equipment Manufacturers

sity receiving equipment,, Ink Tape Recorders and pullers, Diversity Receivers, Line Amplifiers, Power Supplies, Compression Amplifiers.

Presto Recording Corp.

P. O. Box 500 Hackensack, N. J.

Phone: HAcKensack 3-5700

President.....George J. Saliba
 Secretary.....Morris M. Gruber
 Treasurer.....A. Benjamin
 Comptroller.....Ruth B. Sholes
 Sales Manager.....Thomas B. Aldrich

PRODUCTS: Stationary and portable disc recorders, Stationary and portable transcription equipment, associated amplifier equipment, master discs, instantaneous recording discs, recording and reproducing styli, Gear driven turntables and recorders.

Radio Condenser Co.

Davis & Copewood Sts., Camden 4, N. J.

Phone: EMerson 5-5500

President.....Stanley S. Cramer
 Vice-President.....Russell E. Cramer
 V. P. Chg. of Sales.....Russell E. Cramer, Jr.
 Treasurer.....William W. Paul
 Chief Engr.....J. S. Robb
 Dir. Labor Rel.....J. B. Thompson

PRODUCTS: Variable air condensers; Variable Air Capacitors for special radio apparatus of all description, "Rotonoid," (a power device for various applications).

RCA Victor Division Radio Corp. of America

Front & Cooper Streets

Camden, New Jersey

Phone: Camden 4-8000

Executive Vice President...Frank M. Folsom
 Vice President and General

Manager.....J. G. Wilson
 Vice President in Charge Law

and Finance.....J. H. McConnell
 V. P. Chg. of Public Relations...J. K. West

Vice President and Director of
 Engineering Dept.....D. F. Schmit

President, RCA Service Co.,
 Inc.....E. C. Cahill

Director of Distribution
 Department.....H. M. Winters

President, RCA Victor Distributing
 Corporation.....W. M. Norton

Director, Materials Dept...V. deP. Goubeau
 Vice President in Charge Home

Instruments Dept.....J. B. Elliott
 Chief, Engineer, Home Instrument
 Department.....D. D. Cole

General Sales Manager, Home
 Instrument Department.....H. C. Baker

Vice President in Charge Record

Department.....J. W. Murray
 General Sales Manager, Record

Department.....J. M. Williams
 Chief Engr., Record Dept...W. T. Warrender

Vice Pres. and Acting Gen. Sales Mgr.
 in Chg. Tube Dept.....L. W. Teegarden

Chief Engineer, Tube Dept Dr. G. R. Shaw
 Vice President in Charge Engineering

Products Department.....W. W. Watts
 General Sales Manager, Engineering

Products Department.....T. A. Smith
 Chief Engineer, Engineering Products

Department.....M. C. Batsel
 DIVISION PLANTS: Main Offices: Cam-

den, N. J.; Harrison, N. J.; Lancaster, Pa.;
 Indianapolis, Ind.; Bloomington, Ind.; Mon-

ticello, Ind.; Pulaski, Va.; Canonsburg, Pa.;
 Detroit, Mich.; Hollywood, Calif.

PRODUCTS: Antenna Systems, Applica-

tion & Maintenance, Engineering Services,
 Aviation Radio Equipment, Battle Announce

Systems; Brenckert Projection Equipment,
 Broadcast Station Equipment (AM and FM),

Communications Equipment, Component
 Radio & Electronic Parts, Custom Disc Re-

cordings, Direction Finders, Drive-In The-

atre Equipment, Electronic Carillons &
 Chimes, Electronic Fire Control Equipment,

Electronic Tube Parts & Machinery, Elec-

tron Microscopes, Facsimile Equipment,
 Faradon Condensers, Film Recording Equip-

ment, Film Recording Service Studio (New
 York and Hollywood), High Frequency

Heating Equipment, Industrial Electronic
 Products, Industrial Sound Equipment, Inter-

Communication Equipment, Microphones,
 Music Library Service, Police Radio Equip-

ment; Projection Booth Equipment, Public
 Address & Plant Broadcasting Equipment,

Radar Equipment, Radio Parts, RCA Dry
 Batteries, RCA Victor Radios, RCA, Cun-

ningham, and RCA Victor Electron Tubes,
 RCA Victor Records, Albums, Needles, Re-

cording Equipment, Scientific Equipment,
 Screens, Service & Maintenance for Elec-

tronic Equipment, 16mm Sound Film Pro-

jectors, Sonar Equipment, Sound Discs for
 Slide Films, Sound Powered Telephones,

Sound Systems & Components, Special Ap-

paratus & Technical Services for U. S. Gov-

ernment, Television Receivers, Transmitters,
 and Associated Equipment, Test & Measur-

Radio Engineering Labs., Inc.

35-54—36th St., Long Island City 1, N. Y.

Phone: AStoria 8-1010

President.....C. R. Runyon, Jr.

Equipment Manufacturers

Vice-Pres..... Frank A. Gunther
Secretary..... Joseph Behr
Chief Engineer..... Malbon H. Jennings
Dir. of Research..... James R. Day
Director of Purchases..... Joseph Behr
Mgr. of Sales..... C. R. Runyon, III
Service Mgr..... Joseph Toman
Comptroller..... James A. Cronin

PRODUCTS: Broadcast transmitters, FM and AM, 250 watts to 50 kw; Antennas—FM, speech input equipment, Frequency Modulation monitors, FM receivers, FM studio to transmitter link equipment, custom built high quality audio equipment, Quadriene Amplifiers, Serrasoid Modulators, Ten Watt FM Educational Transmitters.

Rangertone Incorporated

73 Winthrop St., Newark 4, N. J.

Phone: HUmboldt 5-2550

President..... R. H. Ranger
Secretary..... E. R. Cornell
Treasurer..... R. H. Ranger
Chief Engineer..... P. M. Brubaker
Production Manager..... S. L. Ackerman
Sales Engineer..... A. A. Bombe
Purchasing Agent..... H. T. Karamus

PRODUCTS: High Fidelity Loudspeaker Systems, Magnetic Tape Recorders: Console, Table & Portable Models, Magnetic Tape Recording Accessories & Supplies, Magnetic Recording Tape, Consulting Engineers on Magnetic Tape Recorders, Laboratories & Custom Builders of Sound & Recording Equipment.

Raytheon Manufacturing Co.

55 Chapel St., Newton 58, Mass.

Phone: Bigelow 7500

Chairman of Board..... L. K. Marshall
President..... C. F. Adams, Jr.
Vice-Pres. & Treas..... D. T. Schultz
Vice-Pres..... W. L. Gifford
Vice-President..... Ray C. Ellis
Secy. & Gen. Counsel..... Paul F. Hannah
Credit Manager..... Dan Reed

PRODUCTS: AM, FM and television transmitters, transmitter accessories, tubes, FM antennas, speech input equipment, transmission line accessories, antenna phasing and coupling equipment, amplifier equipment, engineering services, custom-built transmitting and studio equipment.

Rek-O-Kut Company

38-01 Queens Blvd., Long Island City 1, N. Y.

Phone: STillwell 4-7062-3-4

President, Sales Manager..... George Silber
Plant Supt..... S. Simonson
Credit Manager..... A. Friedman
Export Agents..... Morhan Exporting Corp.

PRODUCTS: Instantaneous Recording Equipment, Recording Turntables, Transcription Turntables, Cutters, Amplifiers, Meters.

Scott Radio Laboratories, Inc.

4541 N. Ravenswood Ave., Chicago 40, Ill.

Phone: Longbeach 5172

President..... H. S. Darr
Exec. V. P. & Sales Mgr..... Fred W. Gigax
Chief Engineer..... W. F. Cotter
Comptroller..... P. B. Schuecking
Purchasing Agent and Production Manager
R. E. Strand
Export Manager..... M. A. Lachenmann
Service Manager..... J. R. Sensyk

PRODUCTS: Receivers: Electric—AM Console, AM-FM Console with Phonograph; Television—Console.

Sentinel Radio Corp.

2100 Dempster St., Evanston, Illinois

Phone: University 2400

President..... E. Alschuler
Vice-President..... M. D. Block
Production Manager..... I. J. Jacobsen
Chief Engineer..... W. J. Schnell
Purchasing Agent..... P. O. Krumm
Credit Manager..... C. S. Willard
Sales Manager..... E. G. May
Export Manager..... H. A. Silcox

PRODUCTS: Sentinel radio receiving sets and table, console models, portable radios, radio-phonograph combinations, table and console models, FM-AM table console and radio phonograph combinations, television receivers of all types.

Sherron Electronics Company

(Div. of Sherron Metallic Corp.)

1201 Flushing Ave., Brooklyn 6, New York.

Phone: Evergreen 7-2820

President..... P. H. Sherron
Director of Purchases..... M. C. Turner
Chief Engineer..... M. V. Barasch
Sales Engineer..... E. P. Alisch
Director of Television..... P. J. Gollhofer

PRODUCTS: Transmitters: Standard Broadcast, FM Broadcast, VHF Broadcast, Television, Relay, Fixed Station, Facsimile. Complete Electronic Engineering Service—Electronic Laboratory for Development, Design and Research of Electronic Problems. Studio Control Equipment; Test Equipment for Television; Vacuum Tubes and Electronic Components; Laboratory and Production Instruments; Special Custom-Built Electronic Devices for Industrial Application; Electronic Heating; Experimental Television Station W2XDK.

Equipment Manufacturers

Sonora Radio & Television Corp.

325 N. Hoyne Ave., Chicago 12, Ill.
Phone: CH 3-2323

President Joseph Gerl
V. P.—Charge Sales..... Edward Harris
Credit Manager..... Ray Shadley
Chief Engineer..... Don Fetterman
Purchasing Agent..... Frank Whitaker
Export Manager..... Edward L. Harris
PRODUCTS: Radios, radio-phonographs,
portables, AM-FM combinations, television
receivers, phonograph records, Sterling cedar
chests.

Sound, Inc.

221 E. Cullerton Street, Chicago 16, Ill.
Phone: Victory 7234

President & Sales Mgr..... Allen Shoup
Chief Engineer..... Rudolph A. Bierwirth
Purchasing Agent..... Allan Gardner
Industrial Relations Mgr... Robert Willmarth
Service Manager..... George Dyer
PRODUCTS: Electronic and Sound Equip-
ment. Specialty Amplifiers of all types.

Standard Radio Transcription Services, Inc.

140 North LaBrea, Hollywood 36, Cal.
Phone: Webster 9181

President Gerald King
Vice-Pres..... Milton M. Blink
V. P. in Chg. of Sales—Eastern Office
Alex Sherwood
Sales Mgr.—Central States Office
Gus Hagenah
Business Mgr. & Counsel... Lewis TeeGarden
Production Mgr..... Harry Bluestone
Chief Engineer..... Robert Callen
PRODUCTS: Standard radio transcription
library service, Standard super sound effects,
Mood music library.

Stewart-Warner Corp.

1826 Diversey Pkwy., Chicago 14, Ill.
Phone: Lakeview 6000

President..... J. S. Knowlson
Sr. Vice-Pres..... F. A. Hiter
Sales Mgr. Radio Dept..... F. D. Masters
Service Manager..... N. J. Cooper
Chief Engineer..... S. C. Kofanowski
Vice-Pres., Radio..... S. Insull, Jr.
Credit Manager..... A. W. Grossklags
Purchasing Agent, Radio..... J. S. Burress
Advertising Manager..... F. R. Cross
Industrial Relations Mgr..... W. W. Miller
Export Manager..... J. E. Burke
Traffic Manager..... E. F. Stecher
PRODUCTS: Radios: AM-FM, Console,
Table, Console Combinations, Table Com-
binations, Portable. Television: AM-FM, Con-
sole.

Stromberg-Carlson Co.

100 Carlson Road, Rochester 3, N. Y.
Phone: Culver 0260

President..... Dr. Ray H. Manson
Vice-President-General Mgr... Lee McCanne
Vice-President Chg. Sales... Lloyd L. Spencer
Vice-President—Engineering
and Research..... Frederic C. Young
Sales Mgr. Radio-Tele..... C. J. Hunt
Mgr., Adv. & Pub. Rel... Stanley H. Manson
Mgr. Sound Equip Div..... A. G. Schifino
Credit Manager..... Charles W. Pritchard
PRODUCTS — Television Table Models,
Television Table Models with FM, Television
Consoles with FM, Television Radio-Phono-
graph Combinations with FM, AM Table
Models, AM Table Combination Models, AM-
FM Table Models, AM-FM Radio-Phono-
graph Combinations with LP-Standard Chang-
ers, Electronic Carillon Equipment, Inter-
communicating Systems, Telephones and
Switchboard Apparatus.

Sylvania Electric Products, Inc.

500 Fifth Ave., New York 18, N. Y.
Phone: Wisconsin 7-9500

Ch. of Bd..... W. E. Poor
President..... D. G. Mitchell
Vice-President M. F. Balcom
Vice-President..... R. H. Bishop
Vice-President..... H. Ward Zimmer
Secretary..... J. S. Learoyd
General Sales Mgr., Radio Div... C. W. Shaw
Advertising Mgr. Radio
Division..... T. P. Cunningham
PRODUCTS: Cathode ray tubes, amateur
transmitting tubes, radio receiving tubes,
germanium crystals, panel lamps, counter
tube tester, portable tube tester, modulation
meter, polymeter, audio oscillator, 3" os-
cilloscope, 7" oscilloscope, pocket ohmmeter.

Tele-Tone Radio Corporation

540-50 W. 58th St., New York 19, N. Y.
Phone: Circle 6-4325

President..... Sol W. Gross
V. P. in Chg. of Sales..... John S. Mills
Gen. Sales Mgr..... Morton M. Schwartz
Asst. to President..... Irving Brudner
Chief Engineer, Radio..... Ben Singer
Chief Engineer, TV..... Robert S. Mautner
Credit Manager..... Louis Berke
Dir. of Purchases..... John G. Connors
Advertising Mgrs..... Lester Harrison Agency
Industrial Relations Mgr..... Irving Brudner
Export Mgrs..... Robert Schasseur, Inc.
Service Mgr., Radio..... George Spindel
Service Mgr., TV..... Harold Dittenhoefer
PRODUCTS: Receivers: Battery — Port-
able AC-DC; Electric — AM Midget, AM

Equipment Manufacturers

Table, AM Portable AC-DC AM-FM Table;
Television--Table, Consolettes.

Television Associates, Inc.

190 N. State St., Chicago 1, Ill.
Phone: STate 2-9222

President.....Capt. W. C. Eddy
Exec. Vice-Pres.....Keith Kiegins
Secretary.....Felice Kerrigan
Treasurer.....S. Payson Hall
Directors.....Chas Collette,
C. C. Woolridge, E. T. Meredith, W. C.
Eddy, Keith Kiggins.

PRODUCTS: Controllable studio lighting system, Microwave relay reflectors, Tripods, Parajet clamps, Camera dollies, Camera hats, Kaleidoscopic projectors, Continuous film reels, Video analyzers (test equipment), Camera cable clamps.

Templetone Radio Mfg. Corp.

100 Garfield Ave., New London, Conn.
Phone: New London 5346

President.....Oscar Dane
Exec. Vice-President.....Eli Dane
Chief Engineer.....Edward Jahns
Credit Manager.....Samuel Fleder
Works Mgr. & Actg. Sales Mgr.

Louis Friedman
Purchasing Agent.....Irving W. Topkins

PRODUCTS: Television receivers: Table models, consoles, and combinations with AM-FM radio and automatic record changers; Home radios: Table models, portables, consoles, and combinations with automatic record changers; Electronic test equipment; record players.

Television Equipment Corp.

Executive Offices—745 Fifth Ave.
New York 22, N. Y.
Phone: PLaza 5-3152

President.....John B. Milliken
Vice-President.....Leonard Mautner
Secy. & Chief Engineer.....William Brown
Treasurer.....John R. Finegan
Director.....Willard R. Rich

PRODUCTS: Television cameras, studio equipment, transmitters.

Transmitter Equipment Mfg. Co., Inc.

345 Hudson St., New York 14, N. Y.
Phone: WAtkins 4-1550

President.....Morton B. Kahn
Sales Manager.....Morton B. Kahn
Chief Engineer.....Jules Cardon
Credit Manager.....Edna J. Nagler

Purchasing Agent.....Frank C. Botscheller
Advertising Manager.....Leonard Newsteder
Industrial Relations Mgr.....E. E. Horrocks
Export Manager.....Arthur Rocke
Service Manager.....Irving Rose
Legal Counsel.....S. E. Martinson

PRODUCTS: Receivers: Facsimile, Marine, Police, Emergency Service, Taxicabs Trucks and Busses, Walkie-Talkie. Transmitters: Standard Broadcast, VHF Broadcast, Short Wave Broadcast, Relay, Fixed Station, Marine, Aviation, Police, Emergency Services, Facsimile, Amateur.

U. S. Recording Company

1121 Vermont Ave., N.W. Washington 5, D. C.
Phone: Sterling 3626

General Manager.....Joseph Tait
Sales Manager.....Robert L. Kaufman
Chief Engineer.....Henry P. Meisinger
Plant Manager.....Irving Linkow
Chief Research Physicist.....Carl Mayfield

PLANT: 1347 South Capitol St.

Phone: Sterling 3626

PRODUCTS: Manufacturers and distributors of audio and sound equipment — Pan-acoustic, Presto, Magnecord, Stromberg-Carlson, Libert Carrillon, Operadio and many others. Specializing in engineering, manufacturing, assembling custom equipment for radio Broadcast stations.

United States Television Mfg. Corp.

3 W. 61st St., New York 23, N. Y.
Phone: Circle 6-4255

President.....Hamilton Hoge
Vice-Pres.....Francis H. Hoge, Jr.
Treasurer.....John Hoge
National Sales Dir.....Jack Crossin
Sales Mgr.....William H. Higgins
District Sales Mgr.....Herbert Schiller
Purchasing Mgr.....Harry Rosenman
Public Relations Dir.....A. E. Kessler
Adv. & Sales Promotion.....Harvey Toback
Chief Engineer.....Howard Schubert
Chief Mechanical Engr.....Henry Strahlman
Credit Manager.....Herbert Slot

PRODUCTS: Television: 10" & 15" Table Model Direct View, 12" Console Direct View, 12" & 15" Console Direct View, 15" Console Direct View, 475 & 675 sq. in. Projection. Instruments: UST-ALL Electronic Sweep Generator.

Utah Radio Products

Division of Int'l. Detrala Corp.

1123 E. Franklin, Huntington, Ind.
Phone: 3100

General Mgr.....P. H. Heckendorn

Equipment Manufacturers

Controller.....E. V. Norfleet
Sales Manager, Mfg. Division....Fred Tower
Sales Manager, Jobber

DivisionHugo Sundberg
Credit Mgr.....O. C. Will
Purchasing Agent.....J. Raymond Schulz
Production Supt.....Carl John

PRODUCTS: Radio Loud Speakers.

Western Electric Co., Inc.

(Radio Division)

120 Broadway, New York 5, N. Y.

Phone: WOrth 4-2100

Vice-Pres.....F. R. Lack
Manager—Distributor Sales....S. P. Taylor
Manager, Broadcast Sales..J. H. Ganzenhuber
Manager, Sound Systems &

Communications.....E. M. Hall
Manager, Electronic Tube & Products

Sales.....A. B. Kouwenhoven
Mgr., Radio Tel. Sales.....H. N. Willets
Sales Engineer, Bell System

Services.....H. D. Wilson
Sales Engineer, Transoceanic &
Point-to-Point Radio.....F. C. McMullen

PRODUCTS: FM and AM transmitters, antennas and antenna accessories, phase monitors and antenna phasing equipment, FM frequency and modulation monitor speech input equipment for FM and AM, speech input amplifiers and accessories, sound distribution systems and components, transcription turntables and pickups, loudspeakers, power supplies, electron tubes, relays, keys, jacks, mountings, thermistors, varistors, carbon resistors, germanium and silicon rectifiers, Fastax cameras, sound measuring equipment, vehicular equipment, power line carrier equipment, single sideband and point-to-point radiotelephone equipment.

Westinghouse Electric Corp.

Home Radio Division

1354 Susquehanna Ave., Sunbury, Pa.

Phone: 2520

President.....Gwilym A. Price
Vice-PresidentWalter Evans
Manager.....F. M. Sloan

Assistant Manager.....H. W. Schaefer
Mgr., Design Engineering.....G. C. Larson
Mgr. of Manufacturing.....F. H. Barnett

Purchasing Agent.....W. M. Anderson
Sales Manager.....E. G. Herrmann
Asst. Sales Manager.....J. W. Hitchcock

Mgr., Tubes and Batteries....L. S. McLeod
Service Manager.....W. H. McKnew

PRODUCTS: Manufactured by the Home Radio Division: Home radio and television receivers, radio-phonograph combinations, television radio-phonograph combinations for home use.

Weston Electrical Instrument Corp.

614 Frelinghuysen Avenue, Newark 5, N. J.

Phone: Bigelow 3-4700

President.....Carl R. Mellen
General Sales Manager....Harold L. Olesen

Vice Pres. & Chief Eng....John H. Miller
Credit Manager.....B. E. Arthur

Purchasing Agent.....George T. Deaney
Advertising Manager.....Phil Barnes

Industrial Relations Mgr....James J. Hagan
Export Manager.....John H. Purcell
Service Manager.....Charles W. Biswanger

PRODUCTS: Electrical Indicating Instruments Sensitive Relays and Associated Devices, Service and Tube Testing Equipment, Electrical Speed and Temperature Indicating Equipment, Photoelectric Devices and Photographic Exposure Meters, Weston Temperature Gauges and Laboratory Thermometers, Weston Aircraft Instruments.

Wheeler Laboratories, Inc.

259-09 Northern Blvd., Great Neck, N. Y.

Phone: Imperial 7-0645

President.....Harold A. Wheeler
SecretaryE. Leonhardt

PRODUCTS: Inductance Measuring Equipment, Capacitance Measuring Equipment, Microwave Components, Special Electronic Equipment on order, Consulting Services.

Zenith Radio Corp.

6001 Dickens Ave., Chicago 39, Ill.

Phone: Berkshire 7-7500

President & Gen. Mgr....E. F. McDonald, Jr.
Exec. V. P. & Treas.....Hugh Robertson

V. P. & Director of Sales....H. C. Bonfig
V. P. in Chg. of Engineering..C. E. Gustafson

V. P. in Chg. of Prod....Donald MacGregor
V. P. Director of Purchases..J. E. Anderson

Vice President.....W. Dunke
V. P. Credit Mgr.....Sam Kaplan

Asst. Vice President.....Karl E. Hassel
Asst. Vice President.....J. E. Brown

Secretary and Controller....R. D. Burnet
Advertising Manager.....W. E. Macke

Sales Promotion Mgr.....D. H. Grigsby
Personnel Manager.....J. M. Wadsworth

Service Manager.....Frank Smolek
Sales Mgr. Export.....E. E. Loucks

PRODUCTS: Receivers: Battery—Automobile, console, table; electric—AM Midget, AM table, AM console, AM portable AC-DC, AM console with phonograph, AM console with phonograph and recorder; FM table, FM console, FM console with phonograph, FM console with phonograph and recorder; AM-FM table, AM-FM console, AM-FM console with phonograph, AM-FM console with phonograph and recorder; Television: Table, with radio; console, with radio; console, with radio and phonograph; Radionic hearing aids.

MEXICO

THE NEW SALES FRONTIER IS SOUTH



MEXICO . . . 4th Largest U. S. World Market

KNOWLEDGE

of the people and their buying habits.

EXPERIENCE

with successful campaigns of U. S.'s most successful sponsors.

FACILITIES

to reach all Mexico's 22 million consumers and more . . . economically.

MEXICO is a mighty good neighbor in dollar-volume purchases of U. S. goods: 5 times more in 1948 than in 1940, totalling nearly a half billion dollars. Mexico, 4th largest market in U. S. world trade, is still a booming market for American firms, like Bayer, Canada Dry, Colgate, Parker, Sidney Ross, GE, Coca Cola and scores more. They sell Mexico's 22 million consumers through Latin America's most important network—the 86 stations of Radio Programas de Mexico. RPM covers *all* the Mexican market. Its high powered outlets pour into centers of population; its 250 watters conserve power (and your budget) where buying centers are smaller. Here is a market equal in population to Ohio and New York combined. But, unlike the U. S., where channels of distribution are filling, Mexican demand is never-ending. Competition is almost unknown. Investigate your opportunity for mass distribution in this virtually untapped mass market. *YOUR* new sales frontier is South . . . through the 86 stations of RPM.



RADIO PROGRAMAS DE MEXICO

Largest Latin American Broadcasting System *The New Sales Frontier is South*

P. O. Box 1324, Mexico, D. F. • Emilio Azcarraga, Chairman of the Board
Clemente Serna Martinez, President

INTERNATIONAL

*International Broadcast Stations
In The United States*

•

Mexico

•

Cuba

•

Philippine Republic

INTERNATIONAL STATIONS IN THE UNITED STATES

<i>Licensee and Location</i>	<i>Call Letters</i>	<i>Frequency (Kc)</i>	<i>Power (Kw)</i>
The Associated Broadcasters, Inc. San Francisco, California.....	KWID	6060, 7230, 9570, 11870 15290, 17760, 21610	100 kw
The Associated Broadcasters, Inc. San Francisco, California.....	KW1X	6060, 7230, 9570, 11870 15290, 17760, 21610	50 kw
Columbia Broadcasting System, Inc. Brentwood, Long Island.....	WCBN	6120, 6170, 9650, 11830, 15270, 17830, 21520, 21570	50 kw
Columbia Broadcasting System, Inc. Brentwood, Long Island.....	WCBX	17830	50 kw
Columbia Broadcasting System, Inc. Brentwood, Long Island.....	WCRC	9650, 11830, 21570	50 kw
Columbia Broadcasting System, Inc. Wayne, New Jersey.....	WOOC	6120, 6170, 9650, 11830 15270, 17830, 21520, 21570	50 kw
Columbia Broadcasting System, Inc. Wayne, New Jersey.....	WOOW	6120, 6170, 9650, 11830, 15270, 17830, 21520	50 kw
Columbia Broadcasting System, Inc. Delano, California.....	KCBA	6120	50 kw
Columbia Broadcasting System, Inc. Delano, California.....	KCBF	9650, 11810,	50 kw
Columbia Broadcasting System, Inc. Delano, California.....	KCBR	6180,	200 kw
The Crosley Corporation Bethany, Ohio.....	WLWL	6080, 9590, 11710, 15250, 17800, 21650	200 kw
The Crosley Corporation Bethany, Ohio.....	WLWR	6080, 9590, 11710, 15250, 17800, 21650	200 kw
The Crosley Corporation Bethany, Ohio.....	WLWS	6080, 95900, 11710, 15250, 17800, 21650	200 kw
The Crosley Corporation Mason, Ohio.....	WLWK	6080, 9590, 11710, 15250, 17800, 21650	50 kw
The Crosley Corporation Mason, Ohio.....	WLWO	6080, 9590, 11710, 15250, 17800, 21650	75 kw
General Electric Company Schenectady, New York.....	WGEA	6190, 7000, 9550, 11840, 15330, 21500, 21590	50 kw
General Electric Company Schenectady, New York.....	WGEO	6190, 7000, 9530, 11840, 15330	100 kw

International Stations in the U. S.

<i>Licensee and Location</i>	<i>Call Letters</i>	<i>Frequency (Kc)</i>	<i>Power (Kw)</i>
General Electric Company Schenectady, New York	WGEX	6190, 7000, 9530, 11840, 15330	25 kw
General Electric Company Belmont, California	KGEI	6190, 7250, 9530, 9550 11730, 15210, 15330	50 kw
General Electric Company Belmont, California	KGEX	6190, 7250, 9530, 9550, 11730, 15210, 15330	100 kw
National Broadcasting Co., Inc. Bound Brook, New Jersey	WNBI	6100, 9670, 11893, 15150, 15190, 17780, 21630	50 kw
National Broadcasting Co., Inc. Bound Brook, New Jersey	WRCA	6100, 9670, 11893, 15150, 15190, 17780, 21630	50 kw
National Broadcasting Co., Inc. Bound Brook, New Jersey	WNRA	6100, 9670, 11890, 15150, 15190, 21630	50 kw
National Broadcasting Co., Inc. Bound Brook, New Jersey	WNRE	6100, 9670, 11890, 15150, 15190, 20630	50 kw
National Broadcasting Co., Inc. Bound Brook, New Jersey	WNRI	6100, 9670, 11890, 15150, 15190, 21630	50 kw
National Broadcasting Co., Inc. Bound Brook, New Jersey	WNRX	6100, 9670, 11890, 15150, 15190, 21630	50 kw
National Broadcasting Co., Inc. Dixon, California	KNBA	6060, 15250, 21460	50 kw
National Broadcasting Co., Inc. Dixon, California	KNBI	9650, 9750, 11770, 17800	50 kw
National Broadcasting Co., Inc. Dixon, California	KNBX	11790, 15250	200 kw
Westinghouse Radio Stations, Inc. Hull, Mass.	WBOS	15210	50 kw
World Wide Broadcasting Corp. Scituate, Mass.	WRUA	6040, 9700, 11730, 15350, 17750, 21460	50 kw
World Wide Broadcasting Corp. Scituate, Mass.	*WRUL	6040, 11730, 11790, 15130 15350, 17750, 21460	50 kw
World Wide Broadcasting Corp. Scituate, Mass.	WRUS	6040, 9700, 11730 15350 11750, 21460	50 kw
World Wide Broadcasting Corp. Scituate, Mass.	*WRUW	9700, 11730, 11790, 15130, 15350, 17750, 25600	20 kw
World Wide Broadcasting Corp. Scituate, Mass.	**WRUX	9700, 11730, 11790, 15130 15350, 17750, 25600	7 kw

* Used partially by World Wide for its own broadcasts.

** Used exclusively by World Wide for its own broadcasts.

Radio Programas de Mexico, S. A.

Head Office: Bucareli 109

General Offices: Bucareli 109

Phones:

Head Office: 35-13-73—12-72-34

General Offices: 36-29-01—12-65-44—13-91-14

P. O. Box 1324

Mexico City, Mexico

— PERSONNEL —

President & General Manager.....	Clemente Serna Martínez
Manager.....	Adrián R. Lajous
Assistant Manager—Commercial.....	Antonio Eufracio Ontiveros
Assistant Manager—Accounting.....	Horacio Niño Medina
Assistant to President.....	Joaquín de la Garza
Advertising Department.....	Homero Ríos D.

AFFILIATED STATIONS IN MEXICO

<i>Call Letters</i>	<i>City</i>	<i>Call Letters</i>	<i>City</i>
XEBI	Aguascalientes, Ags.	XEMR	Monterrey, N. L.
XEA	Campeche, Camp.	XEI	Morelia, Mich.
XEFQ	Cananea, Son.	XELQ	Morelia, Mich.
XENC	Celaya Gto.	XETM	Naco, Son.
XEP	C. Juarez, Chih.	XEGL	Navajoa, Son.
XEOX	C. Obregon, Son.	XEHF	Nogales, Son.
XEBJ	C. Victoria, Tamps.	XEFE	Nuevo Laredo, Tamps.
XERL	Colima, Col.	XEAX	Oaxaca, Oax.
XEAG	Cordoba, Ver.	XETQ	Orizaba, Ver.
XEY	Cuernavaca, Mor.	XEPP	Orizaba, Ver.
XESA	Culiacan, Sin.	XEPK	Pachuca, Hgo.
XEBL	Culiacan, Sin.	XEAT	Parral, Chih.
XEFI	Chihuahua, Chih.	XEMU	Piedras Negras, Coah.
XEBU	Chihuahua, Chih.	XEHR	Puebla, Pue.
XEE	Durango, Dgo.	XECD	Puebla, Pue.
XEPF	Ensenada, B. C.	XEJX	Queretaro, Qro.
XEMA	Fresnillo, Zac.	XERT	Reynosa Tamps.
XEAV	Guadalajara, Jal.	XEBX	Sabinas, Coah.

<i>Call Letters</i>	<i>City</i>	<i>Call Letters</i>	<i>City</i>
XEHL	Guadalajara, Jal.	XEFB	Monterrey, N. L.
XEWZ	Guanajuato, Gto.	XEGC	Sahvayo, Mich.
XEGS	Guasave, Sin.	XEDE	Saltillo, Coah.
XEDR	Guaymas, Son.	XESJ	Saltillo, Coah.
XEHQ	Hermosillo, Son.	XECZ	San Luis Potosi, S. L. P.
XEBH	Hermosillo, Son.	XEBM	San Luis Potosi, S. L. P.
XEKF	Iguaia, Gto.	XES	Tampico, Tamps.
XEBO	Irapuato, Gto.	XESB	Santa Barbara, Chih.
XEWE	Irapuato, Gto.	XETU	Tampico, Tamps.
XEKL	Jalapa, Ver.	XETS	Tapachula, Chias.
XEJA	Jalapa, Ver	XEWJ	Tehuacan, Pue.
XELC	La Piedad, Mich.	XERK	Tepic, Nay.
XELG	Leon, Gto.	XEXT	Tepic, Nay.
XEFM	Leon, Gto.	XEC	Tijuana, B. C.
XER	Linares, N. L.	XECH	Toluca, Mex.
XECF	Los Mochis, Sin.	XEBP	Torreón, Coah.
XEAM	Matamoros, Tamps.	XEDN	Torreón, Coah.
XERJ	Mazatlan, Sin.	XETL	Tuxpan, Ver.
XETK	Mazatlan, Sin.	XEON	Tuxtla Gutierrez, Chis.
XEQW	Merida, Yuc.	XEUF	Uruapan, Mich.
XEFC	Merida, Luc.	XEHV	Veracruz, Ver.
XECL	Mexicali, B. C.	XEU	Veracruz, Ver.
XEDW	Minatitlan, Ver.	XEDH	Villa Acuna, Coah.
XEMF	Monclova, Coah.	XELK	Zacatecas, Zac.

AFFILIATED STATIONS IN CENTRAL AND SOUTH AMERICA

<i>Call Letters</i>	<i>City</i>	<i>Call Letters</i>	<i>City</i>
YSR	San Salvador, El Sal.	OAX4F	Lima, Peru
HRN	Tegucigalpa, Hond.	HJCH	Bogota, Colombia
YNOW	Managua, Nicaragua	HJCS	Bogota, Colombia
TIGPH	San Jose, Costa Rica	HJDA	Medellin, Colombia
HOC	Panama, Panama	HJDQ	Medellin, Colombia
HOK	Colon, Panama	HJAH	Barranquilla, Col.
YV5RA	Caracas, Venezuela	HJAN	Barranquilla, Col.
YV5RG	Caracas, Venezuela	HJEB	Cali, Colombia
YV1RF	Maracaibo, Venezuela	HJER	Cali, Colombia
YV1RK	Maracaibo, Venezuela	CX14	Montevideo, Uruguay
HCQR	Quito, Ecuador	HIN	Montevideo, Uruguay
HC2AJ	Guayaquil, Ecuador	CX18	Trujillo, Rep. Dominicana

STATIONS OF MEXICO

Call Letters	Frequency (Kcs.)	Power	Location	Owner or Operating Agency
XEA	1370	1000	Campeche, Cam.	Luis A. Maury
XEB	1220	100000	Mexico, D. F.	El Buen Tono, S. A.
XEC	1310	250	Tijuana, B. C.	Luis E. Enciso
XED	1050	5000	Mexicali, B. C.	Fernando Sanchez Mayans
XEE	1280	250	Durango, Dgo.	R. O. Stvenson
XEF	1420	100	Ciudad Juarez, Chih.	Jose Carlos Amaya
XEG	1050	100000	Monterrey, N. L.	La Voz de Norteamerica, S. A.
XEH	1420	1000	Monterrey, N. L.	Radio Tarnava, S. de R. L.
XEI	1400	250	Morelia, Mich.	Tiburcio Ponce
XEJ	970	5000	Ciudad Juarez, Chih.	Pedro Meneses, Jr.
XEK	970	500	Mexico, D. F.	Arturo Martinez
XEL	1280	1000	Mexico, D. F.	Fidel Hernandez Calderon
XEM	1390	500	Chihuahua, Chih.	Pedro Meneses, Jr.
XEN	690	5000	Mexico, D. F.	Guillermina P. del Conde
XEO	970	750	Matamoros, Tams.	Jose Maria Gonzalez
XEP	1300	500	Ciudad Juarez, Chih.	Esteban Parra
XEQ	940	50000	Mexico, D. F.	Radio Panamericana, S. A.
XER	1260	250	Linares, N. L.	Radio Linares, S. A.
XES	1240	250	Tampico, Tams.	Radiotelevisora de Tampico, S. A.
XET	990	5000	Monterrey, N. L.	El Pregonero del Norte, S. A.
XEU	960	500	Veracruz, Ver.	Fernando Pazos Sosa.
XEW	900	250000	Mexico, D. F.	Cadena Radiodifusora Mexicana S A.
XEX	730	250000	Mexico, D. F.	La Voz de Mexico
XEY	980	150	Cuernavaca, Mor.	Juan Gutierrez Torno
XEZ	600	2000	Merida, Yuc.	Jorge L. Palomeque
XEAA	1340	250	Mexicali, B. C.	Consuelo Tonella de Eguia
XEAC	690	5000	Tijuana, B. C.	Jorge I. Rivera
XEAD	1150	125	Guadalajara, Jal.	Alejandro Diaz
XEAG	1280	500	Cordoba, Ver.	Sucrs. Diodoro Zuniga
XEAI	1320	500	Mexico, D. F.	Carmen Gutierrez
XEAM	1400	250	Matamoros, Tams.	Manuel L. Salinas
XEAO	910	250	Mexicali, B. C.	Juan C. Chavez
XEAP	1290	100	Ciudad Obregon, Son.	Emilio Manzanilla
XEAQ	1490	250	Agua Prieta, Son.	Manuel Rodriguez V.
XEAR	1450	250	Monterrey, N. L.	Radio Tiempo, S. de R. L.
XEAT	1250	250	Hidalgo del Par- ral, Chih.	Sucrs. Jorge Perez
XEAU	1470	5000	Tijuana, B. C.	Manuel Acuna Varela
XEAV	580	1000	Guadalajara, Jal.	Alfredo Vazquez
XEAW	1280	500	Monterrey, N. Y.	Jesus D. Gonzalez
XEAX	1270	500	Oxacaca, Oax.	Alvaro Rodriguez
XEBA	840	250-D	Guadalajara, Jal.	Jesus D. Gonzalez Garcia
XEBG	1500	1000	Tijuana, B. C.	Roberto Salazar
XEBH	920	1000	Hermosillo, Son.	Carlos Balderrama
XEBI	1360	250	Aguascalientes, Ags.	Pedro C. Rivas
XEBJ	1450	250	Ciudad Victoria, Tams.	Fernando Elizalde
XEBK	1340	100	Nuevo Laredo, Tams.	J. Manuel Cortes
XEBL	1260	500	Culiacan, Sin.	Max Gomez Blanco
XEBM	920	1000	San Luis Potosi, S. L. P.	Benjamin Briones
XEBO	1330	500	Irapuato, Gto.	Alfonso Martinez
XEBP	1280	250-N	Torreón, Coah.	La Voz de la Laguna, S.

Call Letters	Frequency (Kcs.)	Power	Location	Owner or Operating Agency
XEBS	1410	250-N	Mexico, D. F.	Hispano Mexicano, S. A.
XEBU	1240	250	Chihuahua, Chih.	Enriqueta G. de Uranga
XEBW	1280	250	Chihuahua, Chih.	Radioemisora del Norte S. de R. L.
XEBX	610	500	Sabinas, Coah.	Radiodifusoras Coah., S. A.
XEBZ	660	500	Mexico, D. F.	Vocero Mexicano, S. A.
XECD	1170	350	Puebla, Pue.	Roberto Canedo
XECF	1410	500-N	Los Mochis, Sin.	Francisco Perez H.
XECH	1490	250	Toluca, Mex.	Rodolfo Llamas
XECL	990	5000	Mexicali, B. C.	Alfonso A. Lacarra
XECQ	1450	250	Culiacan, Sin.	Radio Culiacan, S. de R. L.
XECZ	1430	1000	San Luis Potosi, S. L. P.	Zeferino Z. Jimenez
XEDA	1290	1000	Mexico, D. F.	Publicidad Comercial de Mexico, S.A.
XEDE	1400	150	Saltillo, Coah.	Blas Narro Dunne
XEDF	790	1000	Nuevo Laredo, Tams.	Ruperto Villarreal
XEDH	1340	250	Villa Acuna, Coah.	Vincente Hernandez
XEDJ	1450	100	Magdalena, Son.	Jesus L. Rochin
XEDK	1250	500	Guadalajara, Jal.	Salvador Vazquez Tello
XEDL	1250	500	Hermosillo, Son.	Eufemia Esque de Vidal
XEDN	600	1000	Torreón, Coah.	Difusora del Norte, S. A.
XEDR	1490	500	Guaymas, Son.	Modesto Ortega
XEDS	1420	500	Mazatlan, Sin.	Alejandro A. Schober
XEDU	1400	150	Durango, Dgr.	Carlos C. Armas
XEDW	1260	250	Minatitlan, Ver.	Sucrs. Hector Silva Canto
XEFA	1340	250	Jalapa, Ver.	Adolfo Alvarez
XEFB	630	500-N	Monterrey, N. L.	Emisoras Incorporadas de Monterrey
XEFC	1330	500	Merida, Yuc.	Rafael Rivas Franco
XEFE	960	1000	Nuevo Laredo, Tams.	Rafael T. Carranza
XEFI	1440	1000	Chihuahua, Chih.	Pregonero del Edo. de Chihuahua
XEFM	1270	100	Leon Gto.	Sucrs. R. Ortiz Gonzalez
XEFO	1110	5000	Mexico, D. F.	Cadena Radio Nacional
XEFQ	980	500	Cananea, Son.	Pedro L. Diaz
XEFV	1240	250	Ciudad Juarez, Chih.	Dario Cordoba
XEFW	810	5000	Tampico, Tams.	Flores y Martinez
XEGL	1270	500	Navojoa, Son.	Fausto M. Gomez
XEGM	950	1000-N	Tijuana, B. C.	Gustavo Faist Farnandez
XEGW	250	250	Acambaro, Gto.	Jose Martinez Ramirez
XEGT	1490	250	Zamora Mich.	Radio Zamora S. de R. L.
XEHF	1370	1000	Nogales, Son.	Gaston Mascarenas
XEHK	960	250	Guadalajara, Jal.	Francisco E. Fregoso
XEHL	1010	500	Guadalajara, Jal.	Radiodifusoras de Occidente, S. A.
XEHQ	590	500	Hermosillo Son.	Radio Hermosillo, S. de R. L.
XEHR	1090	250	Puebla, Pue.	Manuel R. Canale
XEHV	1310	1000	Veracruz, Ver.	Juan A. Palavicini
XEJA	1400	100	Jalapa, Ver.	Adolfo Alvarez
XEJC	1420	150	Cuernavaca, Mor.	Eduardo Jimenez de la Cuesta
XEJE	1310	250	Guadalajara, Jal.	Guillermo Johnston
XEJP	1150	600-N	Mexico, D. F.	Delia Cubillas de Fernandez
XEJW	1270	100	Jalapa, Ver.	Marino Caraza
XEJX	1450	250	Queretaro, Qro.	Radio Emisora Queretana S. de R. L.
XEKJ	1400	250	Acapulco, Gro.	Ramon Ortega Escobedo
XEKL	500	250	Jalapa, Ver.	Carlos Ferraez Matos
XEKS	1300	100	Saltillo, Coah.	Efrain Lopez
XELA	830	1000	Mexico, D. F.	Radio Metropolitana, S. A.
XELC	1600	1000	La Piedad, Mich.	Heriberto Guizar Castro
XELG	680	5000	Leon, Get.	Radio Impulsora del Contro, S. A.
XELK	1280	250	Zacatecas, Zac.	Macias y Acevedo
XELL	1430	250	Veracruz, Ver.	Dolores G. Estrada de Ferreiro
XELO	800	100000	Ciudad Juarez, Chih.	Cia. Radiodifusora de P. Negras
XELQ	570	250	Morelia, Mich.	Francisco Laris Iturbide
XELT	920	250	Guadalajara, Jal.	Jose Tostado Lomeli
XELW	1340	250	Guadalajara, Jal.	Salvador Galindo de la Terre
XELZ	1440	1000	Mexico, D. F.	Maria Cardena de Zetina

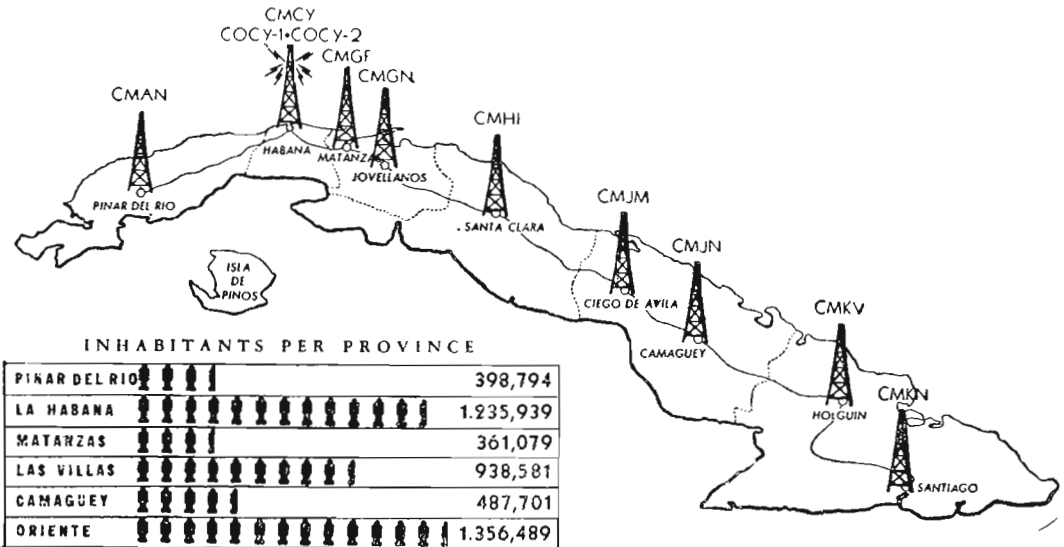
Stations of Mexico

Call Letters	Frequency (Kcs.)	Power	Location	Owner or Operating Agency
XEMA	1340	100	Fresnille, Zac.	Jose Miguel Acevedo Meya
XEMC	1590	5000	Mexico, D. F.	Dolores G. Estrada de Ferreiro
XEMH	1400	250	Merida, Yuc.	Alvaro Barquet Y,
XEMJ	290	250-N	Piedras Negras, Coah.	Jesus F. Elizondo
XEML	1500	1000	Mexico, D. F.	Roberto Valezzi Esparaza
XEMO	860	5000	Tijuana, B. C.	Fernando Federico Ferreira
XEMQ	1240	250	Merida, Yuc.	Lazaro Achurra Suarez
XEMR	1370	500	Monterrey, N. L.	Enrique Serna Martinez
XEMU	580	250-N	Piedras Negras, Coah.	Alfonso L. Bres
XEMX	1380	500	Mexico, D. F.	Publicada Comercial de Mexico S. A.
XENC	1540	250	Celaya, Gto.	El Heraldodeld Bajio
XENK	620	5000	Mexico, D. F.	Gral. Brig. Fernando Proal Pardo
XEON	770	1000	Tuxtla Gutierrez, Chis.	Enrique Valero Arambula
XEOX	1340	250	Ciudad Obregon, Son	Felipe G. de Leon
XEOY	1000	10000	Mexico, D. F.	Fomento de Radio, S. A.
XEPF	1400	200	Ensenada, B. C.	Luis Enrique Enciso
XEPH	590	5000	Mexico, D. F.	Pedro Riestra Biaz
XEPK	1180	1000	Pachuca, Hgo.	Radio Publicida Pachuca, Mgd.
XEPP	1450	250	Orizaba, Ver.	Radio Impulsora de Orizaba
XEQK	1350	1000	Mexico, D. F.	Guillermo Morales B.
XEQR	1030	1000	Mexico, D. F.	Cadena Radio Continental, S. A.
XEQW	1270	1000	Merida, Yuc.	Radio Mexicana de Merida, S. A.
XERA	1490	250	Chihuahua, Chih.	Red. Nat. Radioemisora
XERB	1090	50000	Tijuana, B. C.	Interamericana de Radio, S. A.
XERC	790	1000	Mexico, D. F.	Radio Popular de Mexico, D. F.
XERF	1570	50000	Villa Acuna, Coah	Cia. Radiodifusora de Coahuila, S.A.
XERH	1500	200-N	Mexico, D. F.	"ARSE", S. A.
XERJ	1320	500	Mazatlan, Sin.	Oscar Perez E.
XERK	1450	100	Tepic, Nay.	Dario Mondragon
XERO	1490	250	Aguascalientes, Ags.	Radio Hidrotermopolitana S. de R.L.
XERL	1280	250	Colima, Col.	J. Roberto Levy
XERT	590	250	Reynosa, Tams	Ignacio Magallon
XERW	1390	250	Leon, Gto.	Rafael C. Navarro
XERZ	1240	250	Leon, Gto.	Rafael C. Navarro
XESA	1360	500	Culiacan, Sin.	Pablos y Elizalde S. de R. L.
XESB	1400	100	Santa Barbara, Chih.	Domingo Salayandia Najera
XESF	1300	250	Morelia, Mich.	Jose Martinez Ramierex
XESJ	1250	500	Saltillo, Coah.	Froylan Mier Narro
XESL	1340	100	San Luis Potosi, S. L. P.	Josefina Delgado
XESM	1470	1000-N	Mexico, D. F.	Salvador San Martin
XETB	1350	500	Torreon, Coah.	Leonor B. Vda. de Zaragoza
XETF	1250	500	Veracruz, Ver.	Sucrs. Jose Rodriguez Lopez
XETK	1490	250	Mazatlan, Sin.	Radio Emisora Occidental S. de R.L.
XETL	1390	250	Tuxpan, Ver.	Calixto Almazan
XETM	1350	1000	Naco, Son.	Jesus Manuel Franco
XEAO	1400	250	Tampico, Tams.	Radio Tiempo S. de R. L. C. C.
XETQ	1370	250	Orizaba, Ver.	Sucrs. Francisco Campos H.
XETR	1490	125	Ciudad Valles, S. L. P.	Tomas Oliva Banuelos
XETS	630	100	Tapachula, Chis.	Waldelay Dominguez Correa
XETU	460	1000	Tampico, Tams.	Impulsora Moderna del Radio, S. A
XETZ	1190	500	Teziutlan, Pue.	Ricardo Vazquez
XEUF	550	300	Uruapan, Mich.	Ignacio Navarro
XEVV	970	500	Villahermosa, Tab.	Sucrs. Ernesto Trujille Gurria
XEWE	1420	100	Irapuato, Gto.	Felipe Gallardo
XEWG	1490	250	Ciudad Juarez, Chih.	Carlos Mendez
XEWJ	1420	100	Tehuacan, Pue.	Mariano Caraza D.
XEXT	980	1000	Tepic, Nay.	Gobierno del Estado de Nayarit
XEXX	1420	2000	Tijuana, B. C.	Jose J. Clark, Fernando Federico

WITH ELEVEN TRANSMITTERS IN NINE KEY CITIES

RHC *Blue* NETWORK

PROVIDES COMPLETE AND COMPREHENSIVE COVERAGE IN CUBA



IT IS ESTIMATED THAT THERE ARE 500,000 RADIOS IN CUBA
LOOK AT THESE FACTS:

1. RHC-BLUE NETWORK has the biggest audience of both day and night programs in Cuba, according to listener surveys of the Advertisers' Association of Cuba.
2. RHC-BLUE NETWORK owns NINE long wave and TWO short wave stations, connected by telephone wire, covering the 800 miles from Pinar del Rio to Santiago, assuring primary coverage of the entire island.
3. RHC-BLUE NETWORK'S ELEVEN stations broadcast simultaneously from 6:30 A.M. to 1 A.M., a total of 18½ broadcasting hours daily.
4. RHC-BLUE NETWORK is the only network in Cuba with complete Associated Press and International News Service news during all broadcasting hours.
5. RHC-BLUE NETWORK'S staff includes the best talent in Cuba, and its Production and Publicity Departments are at the disposal of advertisers.

OFFICES AND STUDIOS—PRADO, 53, HABANA, CUBA

Exclusive U. S. Representatives

CLARK-WANDLESS COMPANY

205 East 42nd Street New York 17, N. Y.

ORegon 9-1575

1197

STATIONS OF CUBA

<i>Location</i>	<i>Call Letters</i>	<i>Frequency (Kcs.)</i>	<i>Power (Kw)</i>
Arroyo Apolo	CMBL	860	5-D
Artemisa	CMAR	1170	.25
Bayamo	CMKX	1390	.25
Caibarien	CMHD	1560	0.25
Cabaiguan	CMHP	1250	0.25
Camaguey	CMJN	960	1.
Camaguey	CMJL	920	5.0
Camaguey	CMJK	1150	0.5
Camaguey	CMJA	1060	0.25
Camaguey	CMJE	1230	0.25
Camaguey	CMJF	1340	0.25
Camaguey	CMJW	1440	0.25
Camaguey	CMJC	1270	1.0
Camajuani	CM	1040	0.25-D
Cardenas	CMGE	1470	0.25
Cienfuegos	CMHM	1450	0.25
Cienfuegos	CMHJ	1350	0.25
Ciego de Avila	CMJK	1370	0.25
Ciego de Avila	CMJM	1300	0.5
Ciego de Avila	CMJO	1470	0.25
Colombia	CMZ	690	5.
Cruces, L. V.	CMHK	1380	0.25
Encrucijada	CM	1090	0.1-N
Florida	CMJI	1400	0.25
Guanabacoa	CMBH	1560	5.0
Guanabacoa	CMOF	910	5.0
Guanabacoa	CMX	1010	10.-D
Guantanamo, Orte	CMKS	900	0.25
Guantanamo	CMKH	1130	0.25
Havana	CMCB	1320	0.25
Havana	CMCQ	1460	.25
Havana	CMBX	1390	0.25
Havana	CMCX	1360	.25
Havana	CMCH		
Havana	CMCO	1230	.25
Havana	CMBD	1460	0.25
Havana	CMCU	1190	.25
Havana	CMCW	1290	0.25
Havana	CMBY	1120	.25
Havana	CMK	1420	.25
Havana	CMCY	590	15.
Havana	CMW	550	2.5
Holguin	CMKV	600	1.
Holguin	CMKF	1050	0.25
Holguin	CMKJ	730	5.

Stations of Cuba

Location	Call Letters	Frequency (Kcs.)	Power (Kw)
Holguin	CMKO	1220	.25
Holguin	CMKD	970	1.
Jovellanos	CMGN	960	0.5
Luyano	CMCH	790	2.
Luyano	CMCM	1060	0.25
Matanzas	CMGW	1440	0.5
Matanzas	CMGF	1240	0.25
Manzanillo	CMKM	560	0.25
Nuevitas	CMJQ	1580	.25
Palma Soriano, Orte	CMKZ	1430	.25
Pinar del Rio	CMAB	1450	.25
Pinar del Rio	CMAQ	920	1.0
Pinar del Rio	CMAN	1300	1.0
Pinar del Rio	CMAW	810	0.25
Puentes Grandes	CMCK	980	5.
Puentes Grandes	CMBF	950	1.-N
Puerto Padre	CMKY	1350	0.1
Rancho Boyeros	CMBZ	830	1.-D
Rancho Boyeros	CMCY	590	15-D 25-D
Rancho Boyeros	CMBQ	1150	1.-N
Rancho Boyeros	CMBC	740	5.0
Regla	CMCD	1260	5.0
Regla	CMW	550	2.5
Reparto Aldecoa	CMQ	640	25.0
Sagua La Grande	CMHA	1280	.25
San Cristobal	CMAC	1030	0.25
Sancti Spiritus	CMHB	1410	.25
Sancti Spiritus	CMKT- CMHT	990	0.25
Santa Clara	CMHI	570	10.-D
Santa Clara	COHI	1450	5.0
Santa Clara	CMHQ	630	10.0
Santa Clara	CMHW	800	1.
Santa Clara	CMHN	960	1.
Santa Clara	CMHO	1310	1.
Santa Clara	CMHO	1310	1.
Santa Clara	CMHX	1480	.25
Santa Clara	CM	680	0.5
Santiago de Cuba	CMKN	930	1.
Santiago de Cuba	CMKU	850	1.0
Santiago de Cuba	CMKW	1000	1.0
Santiago de Cuba	CMKL	800	0.25
Santiago de Cuba	CMKR	1090	.25
Santiago de Cuba	CMKC	1290	1.0
Santiago de Cuba	CMKW	1000	1.0
San Luis, Oriente	CMKQ	1460	0.5
Vedado	CMOX	1490	.25
Vedado	CMBS	1090	0.25
Vedado	CMBG	1390	0.25
Victoria de las Tunas	CMKG	1490	.25

STATIONS OF THE PHILIPPINE REPUBLIC

DYBU

CEBU CITY—1947—PHILIPPINE

Frequency: 1250 Kc. Power: 1000 Watts
 Owned-Oper. By Philippine Bcastg. Corp.
 Bus.-Studio-Transmitter Address Goticaco
 Bldg., Comercio St.
 Phone Number 210
 Air Time Unlimited
 News Service AP, Reuters
 Transcription Service Standard
 General Manager Bill N. Conine
 Station Manager Eduardo N. Fructuoso
 Production Director George Ma. Cui
 Chief Announcer Guillermo Martinez
 Musical Director Manuel Villareal
 Chief Engineer Jose Rustia

Owned-Operated By Manila Bcastg. Co.
 Bus.-Studio Address Insular Life Bldg.
 Phone Number 4-69-48, 4-69-49, 4-69-40
 Transmitter Location Manila Hts., Quezon City
 Air Time 5 a.m.-M.
 News Service UP
 Transcription Service Thesaurus, World,
 Lang-Worth, Capitol
 Representative Spot Sales
 President B. H. Silen
 Exec. V.P., Comm. Mgr. William J. Dunn
 General Manager Wesley H. Wallace
 Station Manager Raymond E. Spencer
 Prod. Dir., Chief Announcer Alex Lacson
 Publicity Director Mary Hammond
 Musical Director Dora Anderson
 Chief Engineer James Laschiver

DZRC

CEBU CITY—1940

NBC-MANILA-CEBU

Frequency: 600 Kc. Power: 1000 Watts
 Owned-Operated By Cebu Bcastg. Co., Inc.
 Business-Studio Address Colon St.
 Transmitter Location Basak, Cebu
 Air Time Unlimited
 News Service UP
 Transcription Service Thesaurus
 Representative Spot Sales
 President B. H. Silen
 V.P., General Mgr. Wesley H. Wallace
 Station Manager Paul L. Smith
 Asst. Mgr., Prog. Dir. Simoun O. Almarino
 Chief Engineer Benjamino Pescante

DZAB

MANILA—1946—PHILIPPINE

Frequency: 1000 Kc. Power: 1000 Watts
 Owned-Operated By Philippine Bcastg. Corp.
 Bus.-Studio Address Ramon Rocas Bldg.,
 Soler & Calero Sts.
 Phone Number 2-9876-7-8-9
 Transmitter Location Polo, Bulacan Province
 Air Time 5 a.m.-1:05 a.m.
 News Service AP, INS, Reuters
 Transcription Service World, Standard,
 MacGregor, Associated
 Representative Headley-Reed
 Temp. Chmn. Bd. of Dir. Antonio Prieto
 General Manager Bill N. Conine
 Sta.-Comm.-Sales Prom. Mgr. Program
 Director Robert Stewart
 Prod. Dir., Chief Announcer Sandy Trinidad
 Publicity Director Monching Medina
 Musical Director S. Hernandez
 Chief Engineer Fred DaSilva

DZMB

MANILA—1947—MANILA-CEBU

Frequency: 760 Kc. Power: 1000 Watts

• • • **Stations of Philippine Republic** • • •

D Z P I

MANILA—1946

CBS-ABC-MBS-PHIL.

Frequency: 800 Kc. Power: 10,000 Watts
Owned-Operated By Philippine Bcstg. Corp.
Bus.-Studio Address Ramon Roces Bldg.,
Soler & Calero Sts.
Phone Number 2-9876-7-8-9
Transmitter Location Polo, Bulacan Province
Air Time 5:30 a.m.-12:05 a.m.
News Service AP, INS, Reuters
Transcription Service Standard, World,
MacGregor, Associated
Representative Headley-Reed
Temp. Chmn. Bd. of Dir. Antonlo Prieto
General-Station Mgr. Bill N. Conine
Commercial Manager Noel Aranela
Sales Prom. Manager Ramon Tagle
Program Director Ariston Avelino
Production Director Richard Marlin
Publicity Director Monching Medina
Chief Announcer Ben Ildefonso
Musical Director Arthur Correll

Chief Engineer Fred DaSilva
Farm Editor Narcisso Alegre

D Z R H

MANILA—1939—NBC-MANILA-CEBU

Frequency: 650 Kc. Power: 10,000 Watts
Owned-Operated By Manila Bcstg. Co.
Bus.-Studio Address Insular Life Bldg.
Phone Number 4-69-48, 4-69-49, 4-69-40
Transmitter Location Manila Hts., Quezon City
Air Time 5 a.m.-M.
News Service UP
Transcription Service Thesaurus, World,
Lang-Worth, Capitol
Representative Spot Sales
President B. H. Silen
Exec. V.P., Comm.-Sales Prom.
Manager William J. Dunn
General-Station Mgr. Wesley H. Wallace
Production Director Hal Bowie
Publicity Director Mary Hammond
Chief Announcer Ray Oliver
Chief Engineer James Laschiver

PHILIPPINE MARKET?

Get Complete Economical Coverage with

RADIO PHILIPPINES

The Philippine Broadcasting Corporation's Island Network

Tagalog Provinces—DZAB—1,000 watts, National English
DZPI—10,000 watts

Visayan Provinces—DYBU—1,000 watts

All broadcasting simultaneously Long and Shortwave

Address: PHILIPPINE BROADCASTING CORP.
RAMON ROCES BLDG.
MANILA, P. I.

Cable Address: Philibro
Manila

TRANSMITTER
OF
EFFECTIVE
AND
ECONOMICAL
ADVERTISING...

No one, so far as we know, has ever placed a copy of The ADVERTISER, or Radio-Television ADVERTISER, or MARKETS of AMERICA in a radio transmitter.

But they might very well . . . for The ADVERTISER Publishing Company has been a transmitter of effective advertising for 20 years.

The Radio-Television ADVERTISER (monthly), and MARKETS of AMERICA (annual) are the preferred publications for effectiveness and economical expenditure when presenting your sales message and market story to advertising agencies and their clients who buy time.

Be budget-wise this year and write for additional information about The Radio-Television ADVERTISER, The ADVERTISER, and MARKETS of AMERICA combination rates, with the assurance of 100% circulation coverage among the top time buyers, plus thousands of additional executive readers who control or direct time buying.

You'll definitely find it will pay to place a schedule in our publications!

— write —

The ADVERTISER Publishing Company

11 West 42nd Street

New York 18, N. Y.

Phone: LOngacre 5-2125

ORGANIZATIONS

Radio & Television

Addresses

•

Personnel

•

Associations

•

Unions

•

Guilds

ORGANIZATIONS

PERSONNEL — ADDRESSES — UNIONS

ASSOCIATIONS — RADIO-TV GROUPS

Academy of Television Arts and Sciences

6525 Sunset Blvd., Hollywood 28, Calif.
HEmpstead 8942

OFFICERS

President.....Chas. B. Brown
1st Vice-Pres.....Harry R. Lubcke
2nd Vice-Pres.....Don McNamara
Treasurer.....Russell L. Furse
Corres. Secy.....Irwin W. Stanton
Secretary.....Jack Strauss
Secy. to Treas.....Lenore Kingston
Recording Secy.....Svd Cassyid

DIRECTORS

Edgor Bergen, Rudy Vollee, Hal Bock.

FUNCTIONS

To hold forums for exchange of ideas on matters concerning the advancement of television. To provide a meeting place where educators and leaders in public life can discuss the types of information the public should get; art forms which will come into existence through television, and other matters. To hold and sponsor special meetings for the dissemination of information pertaining to television. To encourage research and accomplishment by presentation of awards. To cooperate with organizations having similar aims.

Actors Equity Association

45 W. 47th St., New York 19, N. Y.
PLaza 7-7660

OFFICERS

President.....Clarence Derwent
1st Vice President.....Augustin Duncan
2nd Vice President.....Carnelia Otis Skinner
3rd Vice President.....Basil Rathbone
4th Vice President.....William Harrigan
Treasurer.....Paul Dullzell
Actg. Exec. Sec.....Angus Duncan
Recording Secretary.....Bobby Clark
Acting Exec. Sec.....Willard Swire
Admin. Assf. Sec.....Alfred Elting
Counsel.....Paul N. Turner
Associate Counsel.....Rebecca Brawstein
Auditor.....Charles Mesuroc

COUNCIL

John Alexander, Vera Allen, Edith Atwater, Ralph Bellamy, Sidney Blockmer, Philip Bourneuf, Mott Briggs, Anne Burr, Louis Colhern, Lea C. Carroll, Iika Chase, Mady Christians, Alexander Clark, Clay Clement, Warren Coleman, Patricia Collinge, Frank Fay, Jose Ferrer, Majorie Gateson, Margalo Gillmore, Kathryn Givney, Ruth Hammond, Alan Hewitt, Sam Jaffe, E. John Kennedy, Bert Lahr, Philip Laeb, Aline MacMahon, Raymond Massey, Myran McCormick, Edith O'Brien-Maore, Eddie Nugent, Elliott Nugent, Philip Ober, Robert Perry, Barbara Robbins, Bill Ross, Jane Seymour, Jack Sheehan, Loring Smith, Harvey Stephens, Richard Taber, Ann Thomas, Edno Thomas, Frank M. Thomas, Sr., Frederic Tazere, Margaret Webster, Frank Wilson.

BRANCH OFFICES

San Francisco: Theodore Hale, 216 Pine St., San Francisco 4.
Hollywood: I. B. Karnblum, 6331 Hollywood Blvd., Chicago: Frank R. Dare, 720 Bittersweet Place, Chicago 13.
Chorus Equity: 701 Seventh Avenue, New York 19, N. Y.

Advertising Association of the West

Charles W. Collier, Exec. V. P.
277 Monadnock Building, San Francisco 5, Calif.
GARfield 1-6868

OFFICERS & BOARD OF DIRECTORS

President: Gilbert L. Stanton, Director of Advertising & Publicity, Idaho Power Company, Boise, Idaho.
Senior Vice President: Herbert H. Kirschner, Pres., Kirschner & Company, 354 Pine St., San Francisco.
Secretary-Treasurer: Grover Kinney, Advertisers Distributing Service, 1950 Curtis St., Denver, Colo.
Vice President of Large: Mrs. Groce Phipps, Super Cold Northwest Corporation, 2246 S. W. Mitchell St., Portland, Oregon.
Vice President District No. 1: Les Jenkins, Classified Advertising Manager, The Seattle Times, Seattle, Wash.
Vice President District No. 2: Amos Jenkins, The Deseret News, Salt Lake City, Utah.
Vice President District No. 3: Arthur Hulse, Hulse & Leland, Advertising, 213 Municipal Terminal Bldg., Portland, Oregon.
Vice President District No. 4: Robert Franklin, Robt. Franklin & Associates, 2501 Tulare St., Fresno, Calif.
Vice President District No. 5: John R. Christie, Buchanan & Company, Inc., 1521 Wilshire Boulevard, Los Angeles, Calif.
Vice President District No. 6: Harold J. Merilees, B. C. Electric Railway Co., Ltd., 425 Carroll Street, Vancouver, British Columbia.
Vice President District No. 7: Bil Pursley, Bil Pursley Enterprises, 27 East Hoover St., Phoenix, Arizona.
Past President: Russell Z. Eller, California Fruit Growers Exchange, 707 West 5th St., Los Angeles.
Chairman Finance Committee: Haward Willoughby Lane Publishing Company, 576 Sacramento St., San Francisco, Calif.
Chairman Advertising Commission: Dan Belding, Foote, Cone & Belding, 601 West 5th St., Los Angeles.
Chairman, Senior Advisory Committee, Junior Division: Mrs. Claire Drew Forbes, Forbes Advertising Agency, 3 West Victoria St., Santa Barbara, Calif.
Chairman Junior Executive Committee: Roy Carmier, Hunter Advertising Agency, 448 So. Hill St., Los Angeles, Calif.
Headquarters Staff: Charles W. Collier, Executive Vice President; Mrs. Lela M. Huey, Executive Secretary; Mrs. Frances Dethlefsen, Secretary.

FUNCTIONS

The AAW is the sole organization in the West working full time in the interests of all advertising. It represents users of advertising, media owners and operators, and the practicing specialists in advertising.

The Advertising Council

11 West 42nd St., New York 18, N. Y.
BRyant 9-3641

OFFICERS

Chairman.....Charles G. Mortimer, Jr.
Vice-Chairmen.....Stuart Peabody,
Kerwin H. Fulton, William Reydel
Secretary.....Paul B. West
Treasurer.....Frederic R. Gamble
President.....Theodore S. Repplier
Vice-Presidents.....Allan M. Wilson, George P. Ludlam
Radio Director.....Gordon C. Kinney

BRANCH OFFICES

1200 18th St., N. W., Washington, D. C. T. S. Replier, President.
203 North Wabash Ave., Chicago, Ill.
L. S. Schwartz, Chicago Representative.
Taft Building, Hollywood, Calif. R. C. Coleson, Hollywood Representative.

FUNCTIONS

A non-profit organization, representing all phases of advertising, dedicated to the uses of advertising in the public service.

Advertising Federation of America

300 West 42nd St., New York 18, N. Y.
BRyant 9-0430

OFFICERS

President and General Manager.....Elon G. Borton
Chairman of Board.....George S. McMillan
(Vice-Pres., Bristol-Myers, N. Y.)
Secretary.....Miss Mary McClung
(Gen. Manager, N. Y. Post Home News)
Treasurer.....Graham Patterson
(Publisher, Farm Journal and Pathfinder, Phila.)

FUNCTIONS

An organization of advertising clubs, national advertising groups and companies interested in advertising to:

- To help make advertising increasingly more effective.
- To raise continually higher standards of advertising practice.
- To promote better public understanding of advertising.
- To promote cooperative effort in advertising.
- To encourage improvement in advertising education.

Advertising Research Foundation, Inc.

11 West 42nd St., New York 18, N. Y.
LOnogcre 3-5100

OFFICERS

Chairman.....Otis A. Kenyon
Vice-Chairman.....Hamilton M. Warren
Treasurer.....Frederic R. Gamble
Secretary.....Paul B. West
Managing Director.....A. W. Lehman
Technical Director.....D. B. Lucas

FUNCTIONS AND ACTIVITIES

Measurement of reading habits, qualitative analysis of media, general studies of advertising for equal interest to advertisers, agencies and media.

American Assn. of Adv. Agencies (AAAA)

420 Lexington Ave., New York 17, N. Y.
LExington 2-7980

OFFICERS

Chairman of the Board.....Thomas D'A. Brophy
Vice-Chairman.....Clarence B. Goshorn
Secty.-Treas.....Henry M. Stevens
Pres.....Frederic R. Gamble
Vice-Pres.....Richard L. Scheidker
Vice-Pres.....Richard Turnbull

FUNCTIONS

Activities of the A.A.A.A. may be grouped under three main objectives: (1) To protect, strengthen and improve the advertising agency business; (2) To advance the cause of advertising as a whole; (3) To give service to its members. In carrying out these aims, the A.A.A.A. also participates in many joint enterprises—The Advertising Council, Inc., the Committee on Consumer Relations in Advertising, Inc., Broadcast Measurement Bureau, Advertising Research Foundation, Traffic Audit Bureau, etc.

American Communications Association (C. I. O.)

5 Beekman St., New York 7, N. Y.
COrtlandt 7-1374

OFFICERS

International President.....Joseph P. Selly
International Secty.-Treas.....Joseph F. Kehoe
Vice-President Broadcast Dept.....William Bender
Local One Secty.-Treas.....Frederick Kost
Chairman, Atlantic Branch.....William Bender
International Representative.....Jules Paris

FUNCTIONS

Subsidiary of the C.I.O. Broadcast Dept. devoted to organization of all employees in the Radio Broadcasting Industry, excepting Musicians and Actors. Have agreements with thirty-two stations in the East, including eight contracts in the Metropolitan area of New York City.

American Council on Education

744 Jackson Place, Washington 6, D. C.
NAtional 5691

EXECUTIVE OFFICERS

Chairman.....Harold C. Hunt
President.....George F. Zook
Secretary.....Eugene B. Elliott
Vice-President.....A. J. Brumbaugh

FUNCTIONS

Acts as a clearing house for the exchange of educational opinion; seeks to define and clarify educational issues of national significance and to enlist appropriate agencies for their solution. Financed by membership dues from educational organizations and institutions and by receipt of special grants for specific pieces of research.

American Federation of Musicians

570 Lexington Ave., New York 22, N. Y.
PLaza 8-0600

OFFICERS

President.....James C. Petrillo
Vice-President.....Charles L. Bagley
Financial Secretary-Treasurer.....Thomas F. Gamble
Secretary.....Leo Cluesmann

EXECUTIVE COMMITTEE

George V. Clancy, J. W. Parks, Oscar F. Hild, Herman D. Kenin, Walter M. Murdoch.

BRANCH OFFICES

570 Lexington Ave., New York, N. Y., James C. Petrillo, Pres.
39 Division St., Newark, N. J., Leo Cluesmann, Sec.
Bax B. Astor Station, Boston, Mass., Thomas F. Gamble, Treas.

American Federation of Radio Artists (AFRA)

2 West 45th St., New York 19, N. Y.
VAnderbilt 6-1810

NATIONAL OFFICERS

President.....Clayton Collyer
Vice-President.....Virginia Payne
Vice-President.....Knox Manning
Vice-President.....William S. Gavin
Vice-President.....Evelyn Freymon
Vice-President.....Nelson Case
Recording Secretary.....Norman Field
Treasurer.....Harry Elders
National Executive Sec'y.....George Heller
National Asst. Executive Sec'y.....A. Frank Reel

BRANCH OFFICES

Chicago Local—102 E. Hubbard St., Chicago, Ill.;
Roymond A. Jones, Executive Secretary.
Hollywood Local—6331 Hollywood Blvd., Hollywood
28, California; Claude L. McCue, Executive Secretary.
San Francisco Local—26 O'Farrell St., San Francisco,
Calif.; Geory Dolan, Secretary.

American Guild of Musical Artists, Inc. (A. F. L.)

276 W. 43rd St., New York 18, N. Y.
LOnogcre 5-7508

OFFICERS

President.....Lawrence Tibbett
1st Vice-President.....Conrad Thibault
2nd Vice-President.....James Pease
3rd Vice-President.....Astrid Varnay
4th Vice-President.....Leopold Sachse
5th Vice-President.....Jascha Heifetz
Recording Secretary.....Elisabeth Hoepfel
Treasurer.....Frederick Jagel

BRANCH OFFICES

Los Angeles: I. B. Kornblum, 6331 Hollywood Blvd.
San Francisco: Theodore Hale, 216 Pine St.
Chicago: Ben Meyers, 188 W. Randolph St.
Philadelphia: G. Gilbert Mason, 207 Walnut Pl.

FUNCTIONS

A labor organization having jurisdiction in the fields of opera, concert, ballet and dance; a branch of the Associated Actors and Artistes of America. Its scope is nationwide, covering the United States and Canada,

and its activities consist of protecting the interests and working conditions of its members in the above fields as well as the furthering and expansion of opera, concert and ballet institutions and performances throughout the United States and Canada.

American Marketing Association

1525 East 53rd St., Chicago 15, Ill.

OFFICERS

President.....Harvey W. Huegy
 Vice-President.....Gordon A. Hughes
 Vice-President.....Neil H. Bordon
 Secretary.....George H. Brown
 Treasurer.....Wilford White

25 local chapters.

BRANCH OFFICES

FUNCTIONS

A professional association pledged to the advancement of science in marketing.

American Newspaper Publishers Association

370 Lexington Ave., New York 17, N. Y.
 Murray Hill 5-2000

OFFICERS

President.....David W. Howe
 Vice-President.....Edwin S. Friendly
 Secretary.....J. L. Stackhouse
 Treasurer.....W. L. Fanning
 General Manager.....Cranston Williams

BRANCH OFFICE

360 N. Michigan Ave., Chicago 1, Ill. Phone.
 Franklin 3746.

George N. Dale.....Manager

FUNCTIONS

To foster and protect the business and business interests of daily newspapers.

American Society of Composers, Authors and Publishers (ASCAP)

30 Rockefeller Plaza, New York 20, N. Y.
 Plaza 7-2700

OFFICERS

President.....Fred E. Ahlert
 Vice-President.....Gustave Schirmer
 Vice-President.....Oscar Hammerstein II
 Secretary.....George W. Meyer
 Treasurer.....Louis Bernstein
 Assistant Secretary.....Donald Gray
 Assistant Treasurer.....Ray Henderson
 General Counsel.....Schwartz & Frohlich

BOARD OF DIRECTORS

Stanley Adams, Fred E. Ahlert, Louis Bernstein, H. Bourne, Gene Buck, Irving Caesar, Frank H. Connor, Paul Cunningham, Max Dreyfus, Donald Gray, Oscar Hammerstein II, Otto A. Harbach, Ray Henderson, John Tosker Howard, A. Walter Kramer, Edgar Leslie, George W. Meyer, Jack Mills, Abe Olman, J. J. Robbins, Lester Santly, Gustave Schirmer, Hermon Starr, Deems Taylor.

BRANCH OFFICES AND REPRESENTATIVES

(In all principal cities throughout the United States.)

FUNCTIONS

Organized in 1914 as a voluntary, unincorporated, non profit association, to represent the performing rights of its members, in negotiations with commercial users of music. Current membership is some 2,000 writer (composer and author) members; 350 publisher members.

American Television Society, Inc.

17 E. 45th St., New York 17, N. Y.
 Murray Hill 7-9250

OFFICERS

President.....Charles J. Durban
 Vice-President.....Halsey V. Barrett
 Secretary.....Emerson Yorke
 Assistant Secretary.....Dian Dincin
 Treasurer.....Archibald U. Braunfeld

BOARD OF DIRECTORS

Charles A. Alicoate, Warren Caro, Don McClure, George Moscovics, Paul Mowrey, George Shupert, Edward Sobol.

FUNCTIONS

American Television Society is a non-profit group organized to foster the study, understanding and appreciation of television as a cultural, educational, entertainment and advertising medium. It provides its members with an intelligence center and clearing house for information pertaining to television and its development; a forum for the exchange of ideas and discussion of mutual problems relating to or affecting television; a television library; special meetings for the dissemination of television information; the opportunity to view and study television technique.

Artists' Representatives Assoc., Inc.

1270 Sixth Ave., New York 20, N. Y.
 Circle 6-1379

President.....William Kent
 Vice-President.....Nat Lefkowitz
 Vice-President.....Art Weems
 Vice-President.....Jack Russell
 Secretary.....John F. Dugan
 Treasurer.....Nat Kalcheim
 Assistant Secretary.....Ruth L. Simonson
 Counsel.....Jack J. Katz

BOARD OF GOVERNORS

Milton Berger, Jack Davies, John F. Dugan, William Kent, Ben Kuchuk, Mark J. Leddy, Nat Lefkowitz, Phil Offin, Jack Russell, Billy Shaw, Sol Tepper, Art Weems, Charles V. Yates.

BRANCH OFFICE

203 N. Wabash Ave., Chicago 1, Ill., Jack Russell, 3rd Vice-President of ARA and President of Chicago branch.

FUNCTIONS

ARA is a trade Association of Agents and Managers operating in fields of radio, motion pictures, variety, etc.

Associated Actors and Artistes of America

45 W. 47th St., New York 19, N. Y.
 Plaza 7-7660

OFFICERS

International President.....Paul Dullzell
 1st Int. Vice-President.....George Heller
 2nd Int. Vice-President.....Reuben Guskin
 Int. Treasurer.....Ruth Richmond
 Int. Executive Secretary.....Florence Marston

FUNCTIONS

To advance, promote, foster, and protect the welfare of players and entertainers of the entertainment world, their calling and its condition, to promulgate and carry into effect such policy as shall secure the united action of its branches and the members thereof for the common good, and the united action of the members of each branch for the common good of such branch, to prevent and abolish abuses from which those coming under the jurisdiction of this Association shall or may suffer, to assist such persons in securing just and equitable contracts and agreements with their employers.

Associated Music Publishers, Inc. (AMP)

25 W. 45th Street, New York 19, N. Y.
 LUXemburg 2-1790
 Cable Address: MUSICPUB—NEW YORK

OFFICERS

Chairman of the Board.....Sydney M. Kaye
 President & Secretary.....M. E. Tompkins
 Vice President.....Karl Bauer
 Vice President.....Earl B. Hall
 Treasurer.....Charles A. Wall
 Comptroller.....C. C. Baydston

BOARD OF DIRECTORS

Carl Haverlin, President, BMI; William Hedges, National Broadcasting Co.; Sydney M. Kaye, Vice President, BMI; Paul Morency, Radio Station WTIC; J. Harold Ryan, Fort Industry Company; M. E. Tompkins, President, AMP.

Organizations

Assoc. of Canadian Advertisers, Inc.

701 Federal Building, 85 Richmond St., West,
Toronto 1, Ontario.
AOeloido 8046-7-8

OFFICERS

President—George S. Berron, Swift Conodion Co. Ltd., Union Stock Yards, Toronto, Ontario.

Executive Vice-President—Lee Trenholm, Provincial Paper Ltd., 388 University Ave., Toronto, Ontario.

Vice-Presidents—J. W. Lawrence, The Borden Co. Ltd., Spadina Crescent, Toronto, Ontario; J. G. Hagey, The B. F. Goodrich Rubber Co. of Canada Limited, Kitchener, Ontario; H. T. Venning, Sherriff's Limited, 24 Matilda St., Toronto, Ontario; A. Usher, RCA Victor Co. Limited, 976 Lacosse St., Montreal, Que.

Treasurer—C. H. Willis, Appleford Paper Products, Limited, 78 Stirton St., Hamilton, Ontario.

Secretary—John A. M. Collicie, Association of Canadian Advertisers, Inc., 85 Richmond St., W., Toronto, Ontario.

General Manager—Athol McQuorrie, Association of Canadian Advertisers, Inc., 85 Richmond St. W., Toronto, Ontario.

DIRECTORS

C. Walter Brown, Bristol-Myers Co. of Canada Limited, 3035 St. Antoine St., Montreal, Que.; Robert E. Day, Bulova Watch Co., 372 Bay St., Toronto, Ontario; E. T. Coter, Sterling Products Ltd., Windsor, Ontario; H. J. C. Jackson (Past-President), Chrysler Corp. of Can. Ltd., Windsor, Ontario; R. R. McIntosh, General Foods Ltd., 372 Bay St., Toronto, Ontario; H. T. Markey, Dominion Textile Co. Ltd., 710 Victoria St., Montreal, Que.; John O. Pitt, Canadian Fairbanks-Morse Company Ltd., 980 St. Antoine St., Montreal, Que.; M. M. Schneckenburger, The House of Seagram, 1430 Peel St., Montreal, Que.; R. C. Scrivener, The Bell Telephone Co. of Can. Ltd., Beaver Hall Hill, Montreal, Que.; R. E. Sewell, Coca-Cola Limited, 90 Broadview Ave., Toronto, Ontario.

FUNCTIONS

This association was incorporated in March 1917. For 34 years the Association of Canadian Advertisers has functioned as an organization of Canadian companies devoted to the interests and promotion of good advertising.

Assn. of National Advertisers, Inc.

285 Madison Ave., New York 17, N. Y.
ORegion 9-4940

OFFICERS

President.....Paul B. West
V.P. & Secretary.....Edward T. Baichelder

Vice-President.....J. F. Kurie
Vice-President.....Cy Norton

Chairman of the Board.....W. N. Connolly
(S. C. Johnson & Son)

Vice-Chairman.....W. B. Pottler
(Eastman Kodak Company)

FUNCTIONS

Promotes the most effective and profitable use of advertising as a tool of selling, promotes a better understanding and more effective use of advertising as a tool of management and protects the interests of national advertisers and serves their collective needs.

Association of Radio News Analysts

c/o CBS, 485 Madison Ave., New York 20, N. Y.
PLoza 5-2000

or
159 East 35th St., New York 16, N. Y.
MUroy Hill 3-8748

President.....John MacVane

Vice-Pres.....George Hamilton Combs

Vice-Pres.....William S. Hillmon

Treasurer.....Cecil Brown

Asst. Treas.....Max Hill

Secy.....George Ziemier

Asst. Secy.....Larry Lesueur

EXECUTIVE COMMITTEE

H. V. Koltzenborn, Bill Henry, John Doly, Edward R. Murrow.

FUNCTIONS

ARNA was founded during the war years by news analysts who agreed to a code of ethics designed to establish professional standards in news commenting over the air. The restricted membership facilitated confidential contacts with the Armed Services, the State Department, and Allied governments of the highest levels. This off-the-record policy continues to assure ARNA members the closest possible professional relations with our own and foreign governments. ARNA works to improve the professional status of news analysts in relation to the networks and independent station managements, as well as setting forth our views on such rulings of the Federal Communication Commission and Congressional legislation as affect the news aspect of broadcasting. (Annual elections take place April of each year.)

The Authors' Guild of The Authors' League of America, Inc.

6 E. 39th St., New York 16, N. Y.
MUrray Hill 9-4950

OFFICERS

President.....Paul Collicio
Vice President.....Helen Hull
Secretary.....Gilbert W. Cobriel
Executive Secretary.....Peter Heggie

BRANCH OFFICE

1655 North Cherokee Avenue, Hollywood 28, California. Phone, GLadstone 7128, Ann Roth Morgon.

FUNCTIONS

National business organization of authors.

The Authors League of America, Inc.

6 East 39th Street, New York 16, New York
MUrray Hill 9-4950

OFFICERS

President.....Oscar Hammerstein 2nd
Vice President.....John Hersey
Secretary.....Peter Lyon
Treasurer.....Arthur Schwartz
Executive Secretary.....Luise M. Sillcox
Assistant Executive Secretary.....Evelyn F. Burkey

BRANCH OFFICE

1655 North Cherokee Avenue, Hollywood 28, California. Phone, Gladstone 7-7128, Ann Roth Morgon.

FUNCTIONS

The national business organization of authors and dramatists.

The British Broadcasting Corporation

630 Fifth Ave., New York 20, N. Y.
Clrcle 7-0656

OFFICERS

North American Rep.....William Reid

Program Director.....Sam J. Slate

Asst. Program Director.....Henry Straker

Program Assistant.....Lillian Long

Program Assistant.....Marion Moss

Head of Administration.....Harold F. Burns

Chief Engineer.....Arthur S. Toby

Publicity.....Alice Stamatou

NEWS OFFICES

Lake Success: Bernard Moore, U. N. Correspondent.
Washington: 1150 Connecticut Ave. N. W., Leonard Mioll, Washington Correspondent.

FUNCTIONS

Activities of the North American offices of the British Broadcasting Corporation cover two inter-related but separate operations. The first, Eastbound Operations, are concerned with the interpretation of the American scene to British audiences. The other, Westbound Operations, are concerned with making available to independent radio stations and networks regular and specially requested programs broadcast from England in the BBC's North American Service.

Broadcast Measurement Bureau

270 Park Avenue, New York 17, N. Y.
ELorado 5-1620

OFFICERS

Chairman of Board.....J. Harold Ryan
1st Vice-Chairman.....Justin Miller
2nd Vice-Chairman.....Paul West
3rd Vice-Chairman.....Frederic R. Gamble
Secretary-Treasurer.....Roger Clipp

FUNCTIONS

Broadcast Measurement Bureau is a tripartite, cooperative radio research organization jointly governed by the AAAA, ANA and NAB. It measures and reports radio station and network audiences by counties and cities throughout the U. S. on a uniform, comparative basis. The second nationwide survey is being conducted in March and the findings will be reported in September 1949.

Broadcast Music, Inc. (BMI)

580 Fifth Ave., New York 19, N. Y.
PLaza 7-1800

OFFICERS

President.....Carl Haverlin
Vice President—General Counsel.....Sydney M. Kaye
Vice-pres. in charge of finance and treasurer
.....Charles A. Wall
Vice-Pres. in charge of publisher
relations.....Robert J. Burton
Secretary.....M. E. Tompkins
Comptroller.....C. C. Boydston
Assistant Treasurer.....Charles E. Lawrence
Director Foreign Relations.....Jean Geiringer

BOARD OF DIRECTORS

Chairman, Justin Miller, National Association of Broadcasters, Washington, D. C.; Vice-Chairman, Sydney M. Kaye, Broadcast Music, Inc., N. Y.; Herbert V. Akerberg, Columbia Broadcasting System, N. Y.; John Elmer, WCBM, Baltimore; Walter Evans, Westinghouse Radio Stations, Inc., Baltimore; Carl Hoverlin, BMI, N. Y.; William S. Hedges, National Broadcasting Co., N. Y.; Herbert Hollister, KBOL, Boulder City, Colo.; Leonard Kapner, WCAE, Pittsburgh; Joseph A. McDonald, American Broadcasting Co., N. Y.; Paul W. Morency, WTIC, Hartford, Conn.; Leonard Reinsch, WSB, Atlanta; J. Harold Ryan, Fort Industry Co., Toledo, Ohio; James E. Walen, Mutual Broadcasting System, N. Y.

STATION RELATIONS

Roy Harlow, Director; Ralph Wentworth, Glenn Dolberg, James L. Cox, Al Marlin, Linn Pattee, Ken Sparnon, Burt Squire, Dorsey Owings.

BRANCH OFFICES

1549 North Vine St., Hollywood 28, Calif.
Phone Hillside 7447
Synchronization Manager.....Eddie Janis
Prof. Manager.....Irving Weiss
54 West Randolph St., Chicago 1, Ill.
Phone State 4188.
Executive-in-Charge.....James Cairns
1534 1/4 N. Wilcox Ave., Hollywood, Calif.
Executive in charge.....Richard L. Kirk
360 N. Michigan Ave., Chicago 1, Ill.
ANdover 3-5394
Executive in charge.....Stan Myers

FUNCTIONS

The functions of BMI are: (1) To buy and publish original music; (2) to coordinate and license the performing rights to music published under its own imprint and of music in the catalogs of affiliated publishers and performing rights societies; (3) to provide equal opportunity of recognition for all writers and composers.

BMI Canada, Ltd.

229 Yonge St., Toronto 1, Ont., Can.
ELgin 0040

OFFICERS

President.....Carl Haverlin
Vice President.....Donald Manson
Vice President.....Harry Sedgwick

General Manager.....Robert J. Burton
Asst. General Manager.....William Harold Moon
Secretary-Treasurer.....T. Arthur Evans

BOARD OF DIRECTORS

Ernest L. Bushnell, CBC, Toronto, Carl Haverlin, BMI, N. Y., Phil Lalonde, CKAC, Montreal; Donald Manson, CBC, Ottawa; Marcel Ouimet, CBC, Montreal; Harry Sedgwick, CFRB, Toronto; Jock Slatter, Radio Reps. Ltd., Toronto.

CANADIAN ADMINISTRATIVE STAFF

Publications.....Jean L. Howson
Research.....M. E. Hewitt
Distribution.....M. L. Ingram

QUEBEC BRANCH (French Division)

1502 St. Catherine St. W., Montreal, P. Q., Gen. Secretary, Marcel Fortier; Secretary, Marguerite Jacques; Liaison, T. Clyde Moon.

FUNCTIONS

BMI Canada, Ltd., was organized to encourage and publish original music, to coordinate and license performing rights of music published under its own imprint and of music in the catalogs of affiliated composers, publishers and performing right societies and to provide equal opportunity of recognition for all writers and composers.

The Bureau of Broadcast Measurement

701 Federal Building, 85 Richmond Street West,
Toronto 1, Ontario, Canada
ADelaide 8046-7-8

President: L. E. Phenner, Canadian Cellucotton Products Co. Limited, Toronto.
Vice-President: H. N. Stovin, Horace N. Stovin & Company, Toronto, Ont.
Secretary-Treasurer: Athol McQuarrie, Association of Canadian Advertisers, Inc., Toronto.

DIRECTORS

W. T. Cranston, Radio Station CKOC, Hamilton, Ont.; E. A. Weir, Canadian Broadcasting Corporation, Toronto; Harold E. Stephenson, The Canada Starch Co., Limited, Montreal, Que.; C. R. Vint, Colgate-Palmolive-Peet Co., Limited, Toronto, Ont.; G. Frank Mills, Spitzer & Mills Limited, Toronto, Ont.; Stuart B. Smith, Canadian Advertising Agency Ltd., Toronto, Ont.; W. E. Trimble, Baker Advertising Agency, Ltd., Toronto, Ont.

FUNCTIONS

To conduct surveys and to assemble statistical and other data relating to radio broadcasting and particularly relating to the number, distribution and listening habits of persons who are or may be listening to the various broadcasting stations at different times and from time to time.

To adopt standard methods of appraising broadcasting station coverage, and/or the listening habits of the public.

To prepare reports, charts and other forms of publicity based on surveys and statistical and other data assembled as aforesaid.

To print, publish and distribute to members the reports, charts and other forms of publicity prepared as aforesaid.

Canadian Assn. of Broadcasters

108 Sparks St., Ottawa, Canada
Phone: 34036

OFFICERS

Chairman of the Board.....G. R. A. Rice
(CFRN, Edmonton)
Hon. President.....Phil Lalonde
(CKAC, Montreal)

Manager.....T. J. Allard
Secretary-Treasurer.....T. A. Evans
Dir. of Adv. & Sta. Service.....Patrick Freeman

DIRECTORS

D. Malcolm Neill, Fredericton, N. B.; F. A. Lynds, Moncton, N. B.; Paul LePage, Quebec, P. Q.; Phil Lalonde, Montreal, P. Q.; Harry Sedgwick, Toronto,

Organizations

Ont.; Ralph Snelgrove, Owen Sound, Ont.; K. D. Soble, Hamilton, Ont.; Wm. Guild, Lethbridge, Alta.; A. A. Murphy, Saskatoon, Sask.; George C. Chandler, Vancouver, B. C.

BRANCH OFFICE

2100 Victory Building, Toronto, Ont., Patrick Freeman, Director of Advertisers & Station Service.

FUNCTIONS

The Canadian Association of Broadcasters is a voluntary trade association of 89 privately owned (independent) broadcasting stations in Canada.

Catholic Actors Guild of America, Inc.

Hotel Astor, New York 19, N. Y.
Circle 6-5566

OFFICERS

President.....Gene Buck
1st Vice-President.....Pat O'Brien
2nd Vice-President.....Jay Jostyn
Recording Secretary.....Ed Begley
Historian.....Kathryn Givney
Executive Secretary.....George Buck
Chairman of Executive Board.....Frank McNellis
Chaplain-Treasurer.....Rev. Gustavo de Leon

FUNCTIONS

Social and benevolent organization which strives to care for the spiritual and physical needs of members of the profession, regardless of creed. Provide care for needy, ill, etc. and burial for indigent actors in Guild plot of Calvary Cemetery.

Catholic Writers Guild of America

128 W. 71st St., New York 23, N. Y.
ENdicott 2-0412

OFFICERS

Spiritual Director.....Rev. John B. Kelly
President.....Charles N. Heckelmann
Vice-President.....Richard Reld
Treasurer.....Clarence E. Heller
Executive Secretary.....Eleanor M. Tucker

FUNCTIONS AND ACTIVITIES

A national organization of writers and persons interested in literary work. To promote the interest of writers, and to take cognizance of and make appropriate record of notable achievements in the literary world. To give to the press, screen, stage and radio the Catholic mind on Church issues.

Composers, Authors and Publishers Assn. of Canada, Ltd.

132 St. George St., Toronto 5, Ont., Canada
Phone: M. 8457

OFFICERS

President.....Sir Ernest MacMillan, B.A.,
Mus. D. (Oxon.), LL.D., Hon. R.A.M., F.R.C.M.,
F.R.C.O.
General Manager.....William S. Low
Manager, Licensing Dept.....C. R. Matheson
Manager, Distribution Dept.....Ruth Possey
Comptroller.....J. K. Bailey

DIRECTORS

Cloude Champogne, Harold W. Cluff, C. G. Devereux, John Murray Gibbon, Allister Grosart, Ralph Howkes, H. T. Jamieson, Mort Kenney, Sir Ernest MacMillan, Holmes Maddock, Richard F. Murray, Gordon V. Thompson.

FUNCTIONS

Composers, Authors and Publishers Association of Canada Limited licenses in Canada public performances of the copyright music of its own Canadian members, and of the members of affiliated performing right societies in twenty-one (21) countries.

The Dramatists' Guild of The Authors' League of America, Inc.

6 E. 39th St., New York 16, N. Y.
Murray Hill 9-4940

OFFICERS

President.....Moss Hart
Vice-President.....George S. Kaufman
Secretary.....Herbert Kubby
Executive Secretary.....Mills Ten Eyck, Jr.

BRANCH OFFICE

1655 North Cherokee Ave., Hollywood 28, Calif.
Phone Gladstone 7-7128
Executive in charge.....Ann Roth Morgon

FUNCTIONS

The national business organization of dramatists.

Federal Communications Bar Assn.

520 Shoreham Bldg., Washington 5, D. C.
Executive 1398

OFFICERS

President.....Carl I. Wheat
1st Vice-Pres.....Guilford S. Jameson
2nd Vice-Pres.....Neville Miller
Secretary.....Charles E. Thompson
Treasurer.....Vincent B. Welch

EXECUTIVE COMMITTEE

Fred W. Albertson, Arthur W. Scharfeld, John F. Gibbons, George S. Smith, Eliot C. Lovett, Ralph A. Von Orsdel.

FUNCTIONS

To promote the proper administration of the Communications Act of 1934 and related acts, to uphold the honor of practice before the Federal Communications Commission, and to encourage cordial intercourse among the practitioners. It issues a quarterly publication, the Federal Communications Bar Journal, which is devoted to matters of interest pertaining to communications law.

Federal Council of the Churches of Christ in America, Radio Dept.

297 Fourth Ave., New York 10, N. Y.
GRamercy 5-3475

OFFICERS

Secretary.....Wesley 8. Goodman

FUNCTIONS

The Department of National Religious Radio, organized in 1923 to promote the effective use of broadcasting in the field of religion. With a membership including representatives of the major protestant groups, the organization arranges and produces seventeen non-sectarian religious radio programs over three national networks.

Federal Radio Education Committee (FREC)

Federal Security Bldg., Room 3646, Washington 25, D. C.
Executive 6300, Extension 2897

OFFICERS

Chairman.....I. C. Roll
Secretary-Editor.....Gertrude C. Broderick

EXECUTIVE COMMITTEE MEMBERS

Roll I. Grigsby, Acting U. S. Commissioner of Education, Chairman
Edwin H. Armstrong, FM Inventor and Professor of Electrical Engineering, Columbia University
Elsie Dick, Director of Education, Mutual Broadcasting System

William C. Eddy, Director of Television, Station WBKB, Chicago
 John Elmer, President, Baltimore Broadcasting Corporation
 Sterling W. Fisher, Manager Public Affairs and Education Department, National Broadcasting Company
 Willard E. Givens, Executive Secretary, National Education Association
 Clyde Hissong, State Supt. of Public Instruction (Ohio) representing National Council of Chief State School Officers
 Very Rev. Msgr. Frederick C. Hochwalt, Director, Department of Education, National Catholic Welfare Conference
 Robert B. Hudson, Director of Education, Columbia Broadcasting System
 William B. Levenson, Asst. Superintendent, Cleveland Public Schools, representing Assn. of Education by Radio
 Harold B. McCarty, Director, Station WHA, University of Wisconsin, representing National Association of Educational Broadcasters
 Bruce E. Mahan, Dean of Extension, State University of Iowa, representing National University Extension Association
 Justin Miller, President, National Association of Broadcasters
 Robert Saudek, Vice-President in Charge of Public Affairs, American Broadcasting Company
 Mrs. Nathan Straus, Director of Educational Programs, Station, WMCA, New York City
 Levering Tyson, President, Muhlenberg College

FUNCTIONS

The Federal Radio Education Committee was appointed in 1935 by the Federal Communications Commission with the recommendation at that time that the broadcaster, on one hand, and the educator, on the other, combine forces which would: (1) eliminate controversy and misunderstanding between groups of educators and between the industry and educators; (2) promote actual cooperative arrangements between educators and broadcasters on national, regional and local bases. Some two dozen printed publications are described in a free folder entitled, "What the FREC Offers You." Most of them are sold at 25 cents per copy. The monthly FREC Service Bulletin, a four-page publication giving news of current educational radio programs, sources of program material and other information of interest to teachers and broadcasters, is available free on request. Other free publications include a monthly list of Selected Programs for Student Listening and a Directory of College Radio Courses.

Federal Trade Commission

Pennsylvania Ave., at 6th St., N. W.,
 Washington 25, D. C.
 Executive 6800

PERSONNEL

Commissioner.....Garland S. Ferguson
 Commissioner.....Ewin L. Davis
 Commissioner.....William A. Ayres
 Commissioner.....Lowell B. Mason
 Secretary.....Otis B. Johnson
 General Counsel.....Wm. T. Kelley
 Director, Bureau of Litigation.....Richard P. Whiteley
 Director, Bu. of Legal Investigation.....James A. Horton
 Director, Bureau of Industrial Economics.....Dr. Corwin D. Edwards
 Director, Bu. of Trade Practice Conferences and Wool Act Administration.....Henry Miller
 Director, Bu. of Stipulations.....Pgad B. Morehouse
 Director, Bu. of Trial Examiners.....F. C. Baggarly
 Director, Bu. of Medical Opinions.....Dr. James J. Durrett

BRANCH OFFICES

Room 501, 45 Broadway, New York 6, N. Y.
 Atty. in charge.....Rolf H. Kielland
 1118 New Post Office Bldg., Chicago 7, Ill.
 Atty. in charge.....John H. Bass
 133 Federal Office Bldg., San Francisco 2, Calif.
 Atty. in charge.....Clarence T. Sadler
 447 Federal Office Bldg., Seattle 4, Wash.
 Atty. in charge.....Walter W. Harris
 1031 Federal Office Bldg., New Orleans 12, La.
 Atty. in charge.....William B. Lott

FUNCTIONS

In general, the duties of the Commission are (1) to promote free and fair competition in interstate trade in the interest of the public through prevention of price-fixing agreements or combinations, boycotts, injurious price and other unlawful discriminations, and other practices which are in restraint of trade or which otherwise constitute unfair methods of competition or unfair or deceptive acts or practices; (2) to safeguard life and health of the consuming public by preventing the dissemination of false advertisements of food, drugs, devices and cosmetics which may be injurious to health; (3) to apply to the Commissioner of Patents for cancellation of the registration of trade-marks which are in violation of the provisions of the Lanham Trade-Mark Act; and (4) to conduct investigations of economic conditions in interstate and foreign commerce upon its own initiative, upon the direction of the President or the Congress, or upon application of the Attorney General.

French Broadcasting System (Radiodiffusion Francaise)

In North America

934 Fifth Avenue, New York 21, N. Y.
 REgent 4-1501

OFFICERS

Director.....Pierre Crenesse
 Assistant-Director.....Alice Lewitin
 Program Director.....Edward Gruskin
 Manager.....Michel Duhart
 Public Relations.....Marie Whiteside

FUNCTIONS

The activities of the French Broadcasting System in North America are twofold: on the one hand, for the purpose of strengthening the goodwill and understanding between France and the U. S., it distributes to independent stations all over the country English-language programs prepared in Paris for North American listeners, covering all aspects of life in France today; on the other hand, it keeps French listeners informed of all events taking place in America today.

Richard W. Hubbell and Associates

118 East 40th Street, New York 16, N. Y.
 MUrray Hill 3-0028

OFFICERS

Chairman.....Richard W. Hubbell
 Associate.....Dr. Alfred N. Goldsmith
 Associate.....Robert Jerome Smith
 Executive Assistant.....W. E. Van Brunt
 Affiliate.....Philip I. Merryman

BRANCH OFFICES

Maintain associates in Washington, D. C.; Hollywood, and in London and Paris.

FUNCTIONS

Complete management consultation service covering planning, constructing, and operating television stations, facilities, and manufacturing projects. Includes business efficiency studies, financial analysis and financing of projects, and preparation of FCC applications. 1948 clients included 21 commercial TV stations as well as investment syndicates, advertisers, radio stations, newspaper publishers, film producers, and manufacturers.

Independent Television Producers Association, Inc.

234 West 44th St., New York 18, N. Y.
 CHickering 4-1583

OFFICERS

President.....Martin A. Gosch
 Vice-President.....Irvin Paul Sulds
 Secretary.....Nathan M. Rudich
 Treasurer.....Henry S. White

DIRECTORS

Charles Basch, Judy Dupuy, Arthur Ehrlich, Jack Levine, Oland Killingsworth, Oliver Nicoll.

COUNSEL

James L. Fly.

FUNCTIONS

The Independent Television Producers Association (ITPA) is an industry association comprised of man-

EXECUTIVE COMMITTEE

Elmo C. Wilson, Vergil D. Reed, Franklin R. Cawl, Cornelius Du Bois, Phillip Salisbury.

FUNCTIONS

To stimulate scientific study and sound thinking in marketing research; to stimulate wider use of its services; to encourage Governmental agencies to undertake practical studies; to encourage the study of marketing research as a profession; to take an active interest in the placement and advancement of marketing research personnel; to provide the focal point around which marketing research men can gather; to invite speakers to the monthly meetings to discuss studies, techniques and problems pertaining to marketing research and related subjects; to encourage the highest ethical practices in the preparation and use of marketing research.

Music Publishers' Protective Association, Inc.

45 Rockefeller Plaza, New York 20, N. Y.
Circle 6-3084

OFFICERS

Chairman of the Board.....Walter G. Douglas
President.....Lester Santly
Vice-President.....Jack Mills
Secretary.....J. J. Bregman
Treasurer.....Abe Oiman
Agent and Trustee.....Harry Fox

National Association of Broadcasters

For Complete Listing See NAB Section on Page 233

National Assoc. of Broadcast Unions & Guilds (NABUG)

37 West 46th St., New York 19, N. Y.
LUXemburg 2-5130

OFFICER

Nat'l. Chmn., N. Y. Council Chmn. Oliver W. Nicoll

COUNCILS

c/o The RWG, 1655 North Cherokee Avenue, Hollywood 27, Calif. Chairman, Sam Moore; Secretary-Treasurer, James H. Brown. c/o AFRA, 102 E. Hubbard St., Chicago 11, Ill. Chairman, Raymond A. Jones; Secretary-Treasurer, George Muher. c/o NABET, 375 O'Farrell St., San Francisco 2, Calif. Chairman, J. R. McDannell; Secretary-Treasurer, William S. Gavin. c/o NABET, 486 Thornycroft Rd., Pittsburgh, Penn.; Chairman, Edward B. London.

CORRESPONDING OFFICES

Washington, D. C.; Denver, Colo.; Atlanta, Ga.; Boston, Mass.; Cincinnati, O.; Cleveland, O.; Detroit, Mich.; Kansas City, Mo.; Minneapolis-St. Paul, Minn.; New Orleans, La.; Philadelphia, Pa.; Portland, Ore.; Raleigh-Durham, N. C.; Rochester, N. Y.; Seattle, Wash.; St. Louis, Mo.

FUNCTIONS

"NABUG" is the National Association of Broadcast Unions and Guilds in the radio and television industry, organized on behalf of their respective memberships for the solution of parallel problems and the working together of the unions and guilds in those directions—cultural, legislative, economic—where mutual interests coincide.

National Assn. of Performing Artists

630 Fifth Ave., New York 20, N. Y.
Circle 7-8194

OFFICERS

President.....Fred Waring
Vice-President.....Bing Crosby
Vice-President.....Meyer Davis
Vice-President.....Paul Whiteman
Vice-President.....Al Jolson
Secretary.....Eddie Duchin
Treasurer.....Don Voorhees
General Counsel.....Alfred Rice

BOARD OF DIRECTORS

Fred Allen, Connie Boswell, Noel Coward, Richard Crooks, Bing Crosby, Meyer Davis, Eddie Duchin, Duke Ellington, Mory Garden, Benny Goodman, Jascha Heifetz, Lewis James, Al Jolson, Andre Kostelanetz, Arthur W. Levy, Guy Lombardo, Ray Noble, Walter O'Keefe, Ira Pelino, Dick Powell, Fritz Reiner, Fabien Sevitzky, Nathaniel Shilkret, Lawrence Tibbett, Rudy

Vallee, Don Voorhees, Paul Whiteman, Victor Young, Efreim Zimballist.

FUNCTIONS

To protect the interpretive artist from exploitation of his recordings and transcriptions.

National Assoc. of Radio News

Directors

Radio Station WOW, Omaha, Neb.
Webster 8400

OFFICERS

President.....Sig Mickelson
WCCO, Minneapolis
1st Vice-President.....Jack Shelley
WHO, Des Moines, Iowa
2nd Vice-President.....Ben Chatfield
WMAZ, Macon, Ga.
Executive Secretary.....Soren Munkhof
WOW, Omaha, Neb.
Treasurer.....David Kessler
WHAM, Rochester, N. Y.

BOARD OF DIRECTORS

The aforementioned officers plus: Bob Redeen, WOC, Davenport, Iowa; Fred Hinshaw, WLBC, Muncie, Ind.; Bruce Barrington, KXOK, St. Louis, Mo.; Ed Kirk, WPTF, Raleigh, N. C.; James Barmann, WMT, Cedar Rapids, Iowa; Sid Fietzsch, WFAA, Dallas, Texas; John Hogan, WCSH, Portland, Maine.

FUNCTIONS

The National Ass'n of Radio News Directors is a professional organization composed of men in charge of news operations. Its purpose is that of a purely professional organization to raise the standard of radio news operations so that the product of all stations will be of the highest integrity. The function of the organization is the interchange of information of a professional type, to aid its members in improvement of their profession. It has as affiliates, various state groups of radio news directors. The NARND issues a monthly bulletin in which new developments of radio news techniques are discussed.

National Association of Radio Station Representatives

10 Park Ave., New York 17, N. Y.
MURray Hill 5-4141

OFFICERS

President.....Frank M. Headley
Vice-President.....Robert D. C. Meeker
Treasurer.....Lewis H. Avery
Secretary.....F. Edward Spencer, Jr.
Managing Director.....Thomas F. Flanagan

MEMBERS

Avery-Knodel Inc., John Blair & Company, The Boiling Company Inc., The Branham Company, Free & Peters Inc., The Friedenberg Agency Inc., Headley-Reed Company, George P. Hollingbery Company, The Katz Agency Inc., Joseph Hershey McGillvra Inc., J. P. McKinney & Son, John E. Pearson Company, John H. Perry Associates, Edward Peiry Co. Inc., Ro-Tel, Paul H. Roymer Company, Inc., Wolker Company, Inc., Weed & Company, Adam J. Young, Jr. Inc.

FUNCTIONS

To develop the use and increase the sale of national spot radio.

National Better Business Bureau, Inc.

405 Lexington Ave., New York 17, N. Y.
MURray Hill 6-3535

OFFICERS

President.....R. P. Clayberger
Vice-President.....Warren Agry
Secretary.....Harry Dwight Smith
Treasurer.....John L. Anderson
General Manager.....Edward L. Greene

FUNCTIONS

This organization assists the public, advertisers and publishers to avoid false and deceptive advertising. It cooperates with law enforcement agencies in this work.

National Television Film Council

300 West 23rd St., New York 11, N. Y.
WATkins 4-0460

OFFICERS

President.....Melvin L. Gold
(National Screen Service Corp.)

Organizations

Vice President.....Burt Bolabon
 (Paramount Television)
 Secretary.....Robert H. Wormhoudt
 (Telecast Films, Inc.)
 Treasurer.....Robert M. Paskow
 (Station WATV)

BOARD OF DIRECTORS

Jack Glenn (Chairman), March of Time; Ed Evans, WPIX, New York; Elaine Phillips, WSPD, Toledo; Gus Ober, WMAR, Baltimore; Sally Perle, The Mesol Organization; Irwin Shone, Televiser Monthly; Rosalind Kossoff, A. F. Films, Inc.; Myron Mills, Equity Film Exchanges; Irving Leos, Official Films, Inc.; Joy Williams, Film Equities, Inc.

ADVISORY BOARD

Seymour Peysner, Phillips, Nizer, Benjamin & Krim (Legal Counsel); Walter J. Domm, WTMJ, Milwaukee; Ralph I. Poucher, Consolidated Laboratories; Hal Hodes, Columbia Pictures; J. A. Maurer, R. E. Blackwell, International Film Foundation; John H. Mitchell, United Artists Corp.; Gus Ober, (Chairman, TV Station Committee); Irwin Shone, Televiser Monthly, (Chairman, Information Committee); Myron Mills, Equity Film Exchanges, (Chairman, Distribution Committee); Irving Leos, Official Films, Inc., (Chairman, Membership Committee); Sally Perle, The Mesol Organization, (Chairman, Press Relations Committee); Jay Williams, Film Equities Corp., (Chairman, Program Committee); Jack Glenn, March of Time, (Chairman, Production Committee).

FUNCTIONS

National Television Film Council is a trade organization comprised of television stations, motion picture producers and distributors, and advertising agencies, for the purpose of establishing a standard of practices and procedures, with regard to the exhibition of films on television. Among its functions are: (a) establishing a Standard Exhibition Contract (b) Television Films Clearance Bureau (c) catalog of films available for television (d) Arbitration (e) Production Clinic (f) Film Forum (g) Awards for television film production—Further activities yet to be announced.

National Variety Artists, Inc.

223-5 W. 46th St., New York 19, N. Y.
 Columbus 5-0956-7

OFFICERS

President.....Louis Handin
 First Vice-President.....Jack O'Brien
 Second Vice-President.....Harry Jackson
 Treasurer.....Al Friedman
 Secretary.....Rosa Crouch

FUNCTIONS

The function of National Variety Artists, Inc., is to promote Americanism and fraternal and welfare activities among the members of the theatrical profession.

Nebraska Broadcasters Association

Radio Station KBON, Omaha, Neb.
 Jackson 8282

OFFICERS

President.....L. L. Hilliard
 (KOLT, Scottsbluff)
 Vice President.....John Alexander
 (KODY, North Platte)
 Secretary-Treasurer.....Poul R. Fry
 (KBON, Omaha)
 Director.....Harry Peck
 (KFOR, Lincoln)
 Director.....Wm. Newsens
 (KOL, Omaha)
 NAB Representative.....John J. Gillin, Jr.
 (WOW, Omaha)

FUNCTIONS

Motters of Mutual Cooperation.

North Carolina Assn. of Broadcasters

Radio Station WEEB, Southern Pines, N. C.

OFFICERS

President.....Harold Essex
 Vice President.....Robert M. Wolloco
 Secretary-Treasurer.....Jack Younts

FUNCTIONS

To promote closer cooperation and understanding among the members to make possible unified effort when unity is beneficial; to protect its members in every lawful and proper manner from injustices and unjust exactions; to encourage and promote customs and practices which will be for the best interests of the public and radio of radio advertising, and to act as a regional contact with the National Association of Broadcasters.

Ohio Association of Broadcasters

1602 First National Tower, Akron 8, Ohio
 MEadowbrook 3211

OFFICERS

President.....E. Y. Flonigon
 Vice President.....Eugene Corr
 Secretary-Treasurer.....Fred C. Bock

FUNCTIONS

Trade organization. The purpose to be of mutual benefit in all matters pertaining to the welfare of radio, in Ohio.

Pennsylvania Assn. of Broadcasters

P. O. Box 11, Harrisburg 1, Pa.

OFFICERS

President.....George D. Coleman
 (WGBI, Scranton)
 Vice-President.....Roy F. Thompson
 (WRTA, Altoona)
 Secretary-Treasurer.....David J. Bennett
 (WKBO, Harrisburg)

DIRECTORS

Bosse A. Bock, WKOK, Sunbury; Joseph C. Burwell, WMBS, Uniontown; Gordon Gray, WIP, Philadelphia; George E. Jay, WRAC, Williamsport; Leonard Kapner, WCAE, Pittsburgh; Clair R. McCollough, WGAL, Lancaster; C. C. Moss, WLTR, Bloomsburg.

FUNCTIONS

This organization is a mutual association of the broadcasting stations of Pennsylvania, formed for the purpose of conducting business negotiations concerning matters of interest to the radio broadcasting stations of the state.

Professional Music Men, Inc.

1270 Sixth Ave., New York 20, N. Y.
 Columbus 5-7362

OFFICERS

President.....Rocco Vocco
 First Vice-President.....Joseph Santly
 Second Vice-President.....Charles Warren
 Third Vice-President.....Phil Kornheiser
 Treasurer.....Irving Tanx
 Financial Secretary.....Michael L. Schiess
 Recording Secretary.....Louis E. Schwartz
 Sergeant-at-Arms.....David Kent
 Executive Director.....Bob Miller

BRANCH OFFICES

54 W. Randolph St., Chicago, Ill.
 Regional Director.....Morton Schaefer
 8360 W. First St., Los Angeles, Calif
 Regional Director.....Al Compante
 36 East Fifth Street, Cincinnati, Ohio
 Regional Director.....Danny Engel

FUNCTIONS

Charitable and Benevolent Organization.

Radio Executives Club of Boston

Harold Cabot & Co., Inc. Adv. Agency,
 136 Federal St., Boston, Mass.
 HA 6-7600

OFFICERS

President.....William B. McGroth
 (WHDH, Boston)
 1st Vice President.....Craig Lawrence
 (WCOP, Boston)
 2nd Vice President.....Nono Kirby
 (WLAW, Boston)
 Secretary.....Janet Gilbert
 Time Buyer (Harold Cabot & Co., Inc., Boston)
 Treasurer.....Edmund J. Sheo
 (James Thomas Chirurg Co., Boston)

FUNCTIONS

Monthly luncheon meetings with speakers on various phases of radio and television.

Radio Executives Club of New York

President's Office
580 Fifth Avenue, New York 19, N. Y.
PLaza 7-1800

OFFICERS

President..... Carl Hoverlin
Vice-President..... Arthur Pryor, Jr.
Secretary..... Claude Barrere
Treasurer..... Lewis H. Avery

FUNCTIONS

The purpose of the Radio Executives Club of New York is to provide a common meeting place for all who are concerned with the administration and development of all phases of broadcasting, including AM, FM and television. The Radio Executives Club will seek to inform its members on the more important functions and problems of broadcasting in all its forms, but will not seek to regiment the opinions of its individual members. Through all means at its disposal, the Club will disseminate information concerning broadcasting which will provide a better understanding of its problems, not only to the industry, but to the public at large.

The REC holds meetings the first and third Thursday of each month from October through May, at luncheons, Hotel Roosevelt, New York City.

Radio Executives Club of Toronto

4 Albert St., Toronto 1, Ontario, Canada
WA 6151

OFFICERS

President..... Sid S. Lancaster
(Radio Representatives Ltd.)
Vice-President..... Maurice Rosenfeld
(MacLaren Advertising Co. Ltd.)
Secretary..... Jim Scott
(Radio Representatives Ltd.)
Treasurer..... "Ted" Rutter
(H. N. Stovin Co. Ltd.)
Past President..... Spence Caldwell
(All-Canada Radio Facilities)

FUNCTIONS

Radio Executives Club of Toronto holds monthly luncheon meetings. Purpose, according to Article II of the Constitution is... "To promote and encourage the use of radio broadcasting as a medium of advertising... to create a lasting fraternity of persons engaged in radio broadcasting and its allied fields... to promote better understanding among members of the problems confronting the radio industry... to promote proper dissemination of information pertaining to radio, of mutual interest to all concerned..."

Radio Guild, Local No. 50

UOPWA-CIO

30 East 29th St., New York 16, N. Y.
MUrray Hill 6-2977

OFFICERS

President..... Chester F. X. Burger
First V. P..... Nathaniel Scott
Second V. P..... Debora Ishon
Secretary..... Mary Stack
Treasurer..... Nelda Scudder
Radio Guild Rep..... Sylvia A. Sheridan

FUNCTIONS

A trade union representing white collar and non-professional people in the radio industry.

Radio Manufacturers Association

1317 F Street, N. W., Washington 4, D. C.
National 4901

OFFICERS

President..... Max F. Balcom
(Sylvania Electric Products, Inc.)
Executive Vice-Pres.-General Manager..... Bond Geddes
Treasurer..... Leslie F. Muter
(The Muter Co.)
General Counsel..... John W. Van Allen
Vice-President..... R. E. Carlson
(Tung-Sol Lamp Works, Inc.)
Vice-President..... A. D. Plamondon, Jr.
(Indiana Steel Products Co.)

Vice-President..... W. J. Barkley
(Collins Radio Co.)

Vice-President..... G. M. Gardner
(Wells-Gardner & Co.)

Director of Public Relations..... James D. Secrest

DIRECTORS

Benjamin Abrams, Emerson Radio & Phonograph Corp.; Max F. Balcom, Sylvania Electric Products Inc.; W. J. Barkley, Collins Radio Co.; H. C. Bonfig, Zenith Radio Corp.; W. R. G. Baker, General Electric Co.; G. Richard Fryling, Erie Resistor Corp.; J. J. Kahn, Standard Transformer Corp.; F. R. Lock, Western Electric Co. Inc.; W. A. MacDonald, Hazeltine Electronics Corp.; A. D. Plamondon, Jr., The Indiana Steel Products Co.; Glenn W. Thompson, Noblitt-Sparks Industries, Inc.; Leslie F. Muter, The Muter Co.; Lloyd H. Coffin, Hytron Radio & Electronics Corp.; Walter Evans, Westinghouse Electric Corp.; Frank M. Folsom, Radio Corporation of America, RCA Victor Div.; Paul V. Galvin, Motorola, Inc.; George R. Hoase, Operadio Mfg.; Larry F. Hardy, Philco Corp.; W. P. Hilliard, Bendix Radio, Bendix Aviation Corp.; E. A. Nicholas, Farnsworth Television & Radio Corp.; J. Hall Stackpole, Stackpole Carbon Co.; Thos. A. White, Jensen Mfg. Co.; David Wald, DeWald Radio Mfg. Corp.; E. Alschuler, Sentinel Radio Corp.; R. E. Carlson, Tung-Sol Lamp Works, Inc.; G. M. Gardner, Wells-Gardner & Co.; Joseph Gerl, Sonara Radio & Television Corp.; H. J. Hoffman, Machlett Laboratories, Inc.; H. L. Hoffman, Hoffman Radio Corp.; George Lewis, Federal Telephone & Radio Corp.; Roy Manson, Stromberg-Carlson Co.; H. C. Mattes, Belmont Radio Corp.; Ernest Searing, International Resistance Co.; Allen Shoup, Saund, Inc.; Harry C. Sparks, The Sparks-Withington Co.; Roy F. Sparrow, P. R. Malory & Co., Inc.; R. C. Sprogue, Sprague Electric Co.; Allen B. DuMont, Allen B. DuMont Laboratories; R. E. Laux, General Instrument Corp.; Herbert W. Clough, Belden Manufacturing Co.; John W. Craig, Crosley Division, Avco Mfg. Co.; S. Insull, Jr., Stewart-Worner Corp.

FUNCTIONS

Non-profit, co-operative trade association for the promotion of all radio interests and special services to radio and electronic manufacturers.

Radio Manufacturers Assn. of Canada

Room 301, 159 Bay St., Toronto 1, Ont., Canada
ADelaide 1531

OFFICERS

President..... F. R. Deokins
RCA Victor Co. Ltd., Montreal, P. Q.
Vice-President..... R. A. Hackbusch
Stromberg-Carlson Co. Ltd., Toronto, Ontario
Chairman, Parts Div..... Tom Fleming
Kester Solder Co. of Canada Ltd. Brantford, Ont.
Vice-Chairman, Parts Div..... A. S. Gortshore
United-Carr Fastener Co. Ltd., Toronto, Ont.
Chairman, Engineering Com..... S. Sillitoe
Northern Electric Co. Ltd., Belleville, Ont.
Vice-Chairman, Engineering Co..... A. B. Oxley
RCA Victor Co. Ltd. Montreal, P. Q.
Chairman, Service Com..... E. C. Dahmer
Dominion Electro-home Ind. Ltd. Kitchener, Ont.
Vice-Chairman, Service Com..... F. Tewlesley
Stromberg-Carlson Co. Ltd. Toronto, Ont.
Executive Secretary..... S. D. Brownlee
Radio Mfrs. Assoc. of Canada, Toronto, Ont.

FUNCTIONS

This association is a non-profit and co-operative organization founded in 1926 to promote the interests of the radio manufacturing industry in Canada.

Radio Script & Transcription

Exchange

U. S. Office of Education, Washington 25, D. C.
EXecutive 6300, Ext. 2897

STAFF

Chief..... Franklin Dunham
Radio Education Specialist..... Gertrude G. Broderick

FUNCTIONS

The exchange is designed to promote more effective local broadcasting by educational and civic organizations and radio stations by serving as a clearing house for selected educational radio scripts, transcriptions and production aids, and as a source of all kinds of information pertaining to the field of educational radio.

Organizations

Radio & Television Club of Pittsburgh

Hotel Sheraton, Pittsburgh, Pa.

OFFICERS

President.....Richard C. Bachman
1st Vice-President.....George Young
2nd Vice-President.....C. Taylor Urquhart
3rd Vice-President.....Wilbur C. Sutherland
Secretary.....Mildred Sheridan
Treasurer.....Morie Wilk

DIRECTORS

Jack Mardon, Lloyd G. Chapman, Leslie B. Sterne,
T. J. MacWilliams, David Mackey, James Baker.

FUNCTIONS

An organization composed of radio and television people from stations, agencies, advertisers and allied firms designed to foster good-will and greater fellowship and bring to the people most concerned vital knowledge and information pertaining to their profession.

Radio and Television Directors Guild

(affiliated with A. F. of L. (International))

114 East 52 St., New York 22, N. Y.

Plaza 3-4300, Ext. 214

OFFICERS

National President.....Lester O'Keefe (New York)
First Vice President.....Charles Vanda (Hollywood)
Second Vice President.....Lyle D. Barnhart (Chicago)
Third Vice President.....Robert Lewis Shayon (New York)
National Secretary.....Oliver W. Nicoll (New York)
National Treasurer.....William N. Robson (Hollywood)

NATIONAL BOARD

Lyle D. Barnhart, Chicago; Tom Bennett, New York; Phil Cohan, Hollywood; Ted Corday, New York; Arthur Hanna, New York; Jack Johnstone, Hollywood; Burr E. Lee, Chicago; Earle McGill, New York; Oliver W. Nicoll, New York; Lester O'Keefe, New York; Charles Pollock, New York; William N. Robson, Hollywood; Robert Lewis Shayon, New York; Anthony Stanford, Hollywood; William M. Sweets, New York; Charles Vanda, Hollywood; George Zachary, New York. National Executive Secretary.....Newman H. Burnett
General Counsel.....Ben Meyers
Certified Public Accountant.....Michael M. Enzer

LOCALS

114 East 52 St., New York 22, N. Y. Officers: President, Robert Lewis Shayon; Vice President, Tom Bennett; Secretary, Charles Powers; Treasurer, Ernest Ricca. Council: Carl Eastman, Don Gillis, Frank Papp, Charles Pollock, William M. Sweets, Betty Todd; Executive Secretary, Newman H. Burnett; Counsel, Ben Meyers. 6305 Yucca St., Hollywood 28, Calif. Officers: President, Charles Vanda; Vice President, Corron E. Morse; Secretary, Gordon Hughes; Treasurer, Murray Bolen. Council: Ted Bliss, Edmund Coshman, Thomas Freebairn-Smith, Dick Mock, Sterling Tracy. Executive Secretary, Mel Williamson; Counsel, Morris E. Cohn. 203 North Wabash St., Chicago 1, Ill. Officers: President, Lyle D. Barnhart; Vice President, Herbert Latour; Secretary-Treasurer, Hal Miller. Council: Thomas Boshaw, Philip Bowman, Alan Fishburn, Homer Heck. Counsel, Ben Beyers.

FUNCTIONS

A national organization to advance, foster, promote and benefit the interests of directors, associate directors and floor managers of radio and television programs and to protect and secure their rights in their professional activities.

The Radio Writers' Guild of the Authors' League of America, Inc.

6 E. 39th Street, New York 16, N. Y.

Murray Hill 6-5251-2-3

OFFICERS

National President.....Erick Barnouw
Vice-Presidents: Eastern Region.....Welbourn Kelley
Midwestern Region.....Shelby Gordon
Western Region.....Sam Moore
Western Regional Exec. Sec'y.....Roy Longham
Eastern Regional Exec. Sec'y.....James A. Stobile

BRANCH OFFICES

Chicago: 203 N. Wabash Ave., Phone Andover 5458, Room 506, Ethel Isaacs, Secy, Hollywood 1655 N. Cherokee Ave., Phone, Hollywood 3601, Michael Davidson, Exec. Secy.

FUNCTIONS

For the improvement of general conditions affecting men and women engaged in writing for radio broadcasting.

SESAC, Inc.

475 Fifth Ave., New York 17, N. Y.

Murray Hill 5-5365.

OFFICERS

President.....Paul Heinecke
Secretary-Treasurer.....R. C. Heinecke

FUNCTIONS

Licensing the use of copyrighted music, transcribed library program service, syndicated transcribed tailor-made programs for advertisers.

Society of Motion Picture

Engineers, Inc.

342 Madison Ave., New York 17, N. Y.

Murray Hill 2-2185

OFFICERS

President.....E. I. Sponoble
Past President.....L. L. Ryder
Executive Vice-President.....Peter Mole
Engineering Vice-President.....J. A. Mourer
Editorial Vice-President.....C. R. Keith
Financial Vice-President.....D. B. Joy
Convention Vice-President.....W. C. Kunzmann
Secretary.....R. M. Corbin
Treasurer.....R. B. Austron
Executive Secretary.....Boyce Nemeck

FUNCTIONS

The advancement of motion picture engineering and the allied arts and sciences; the standardization of the mechanisms and practices employed in the motion picture industry, and the dissemination of scientific knowledge by publication. Television-developing and documenting the technical history of television and all forms of pictorial rendition of action.

Song Writers' Protective Association (SPA)

1250 Sixth Ave., New York 20, N. Y.

Columbus 5-3758

OFFICERS

President.....Sigmund Romberg
Vice-President.....Charles Tobias
Second Vice-President.....Jesse Greer
Secretary.....Peter De Rose
Treasurer.....Abel Baer
Counsel.....John Schulman
Executive Secretary.....Miriam Stern

MEMBERS OF THE COUNCIL

Chairman—Edgar Leslie, Stanley Adams, Abel Baer, Poul Cunningham, Iro Girshwin, Ferde Grofe, Oscar Hommerstein II, Sam Lewis, Joseph Meyer, Richard Rodgers, Sam H. Stept, Fred E. Ahlert, J. Fred Coots, Milton Drake, Jesse Greer, Otto Harbach, Roy Henderson, George W. Meyer, Geoffrey O'Hara, Sigmund Romberg, Charles Tobias.

FUNCTIONS

The objects of this Association are and shall be: To cultivate and establish harmony and unity of action and understanding among the members of the Association, and between them and corporations, firms or individuals with whom they have or may have business dealings, and to promote the equitable adjustment of all matters relating to the professional work of the members.

Southern California Broadcasters' Association, Inc.

1757½ N. Ivar St., Hollywood 27, Calif.

HOLLYWOOD 7254

OFFICERS

President.....William J. Beaton, KWKW
Vice-President.....Ernest Spencer, KVOE
Secretary-Treasurer.....Thelma Kirchner, KCFJ;
Harry Witt, KNX; Calvin J. Smith, KFAC; Robert O. Reynolds, KMPC; Lee F. Wynne, KGER.
Executive Secretary.....Ethel Bell Mack, SCBA

Organizations

FUNCTIONS

A non-profit organization whose membership comprises 41 radio stations and 4 networks of southern California. Purpose: to promote cooperation and understanding among its members; to foster and promote the development of the art of radio broadcasting; to encourage and promote customs and practices which will be for the best interest of the public and the radio broadcasting industry.

Sports Broadcasters Association (New York Chapter)

c/o NBC, 30 Rockefeller Plaza, New York 20, N. Y.
Circle 7-8300

OFFICERS

President Morty Glickson
Vice President Sam Taub
Vice President Ted Husing
Treasurer Andy Long
Secretary Harold Holtz
Executive Secretary Jimmy Dolon

FUNCTIONS

Regular luncheon organization meeting weekly during fall, bi-monthly throughout remainder of the year to discuss sports broadcasting, to promote the art of sports broadcasting and to increase listener interest in sports news dissemination.

Television Broadcasters Assn., Inc.

500 Fifth Ave., New York 18, N. Y.
Lackawanna 4-4788

OFFICERS

President Jack R. Poppel
Vice-President C. Emerson Morkham
Secretary-Treasurer Will Baltin
Assistant Secretary-Treasurer Paul Raibourn

DIRECTORS

Dr. Allen B. DuMont, Allen B. DuMont Laboratories, Inc.; Ernest B. Loveman, Philco Corp.; Curtis W. Moson, Earle C. Anthony, Inc.; Noran E. Kersto, NBC; Jack R. Poppel, WOR, New York; Robert Kintner, ABC; Paul Raibourn, Television Productions, Inc.; C. Emerson Morkham, General Electric Company.

FUNCTIONS

Founded January, 1944, as a non-profit organization of television broadcasters and others engaged in any business directly connected with television broadcasting. Objects are to foster and promote the development of the art of television broadcasting; to protect its members in every lawful and proper manner; to foster, encourage and promote laws, rules, regulations, customs and practices which will be in the best interest of the public; to protect the interests of the members of the Association by opposing the enactment or adoption of any laws, rules, regulations, customs or practices which would discriminate against or in any way injure the members of this Association.

Television Film Producers Assn.

9922 W. Washington Blvd., Culver City, Calif.
Texas 0-4525

OFFICERS

President Hal Roach, Jr.
Vice-President Carl Dudley
Secretary Rudy Vollee
Treasurer Roland Reed

BOARD MEMBERS

Ross Sutherland, Herbert Stroock, Wallace Worsley, William Cameron Menzies, Bernard J. Carr.

Television Producers Association

7063 Sunset Blvd., Hollywood 28, Calif.
Granite 6930.

President Mal Boyd
Secretary Gladys Rubens
Treasurer Maleese Black

BOARD OF DIRECTORS

Michael Stokoy, George Fogle, Nils Thor Granlund, Robert Light, Mal Boyd, Gladys Rubens, Stratford Corbett, Syd Cassyd, Maleese Black.
Legal Consul Max M. Gilford

COMMITTEE CHAIRMAN

Membership, Lenore Kingston; Program, Frank Woodruff; Station Relations, Robert Colson and Bernie Ebert; Labor Relations, Ben Bord; Research, Maleese Black; Finance, Morton Wright.

U. S. Marine Corps, Division of Public Information

Headquarters, U. S. Marine Corps, Washington, D. C.
Republic 7400

OFFICERS

Director, Division of Public Information, Brig. Gen. J. T. Selden, USMC.

BRANCH OFFICE

Division of Public Information, 90 Church Street, New York 7, N. Y. Tech. Sgt. George W. Courtney, Charge of Radio and Television.

FUNCTIONS

The New York Office of the Division of Public Information is the Marine Corps representative for national radio, and local network television. Services offered are: Radio-Television production, transcribed programs, scripts, spot announcements, guests.

United Nations—Radio Division

OFFICERS

Asst. Secty. Gen., Dept. of Info. Benjamin Cohen
Dir., Dept. of Pub. Info. Tor Gjesdal
Dir., Radio Div. Peter Aylen
Chief, Telecommunications Gen. Frank E. Staner
Deputy Dir., Radio Div. Carlos Garcia Palacios
Chief of Production W. Gibson Parker
Suprv., Radio Reports Desk. Gaesor Ortiz

REGIONAL SUPERVISORS

Hugh Williams, European and Middle East Services; Eugenio A. Soler, Latin American Services; Mike Peng, Transpacific Services; Gerald Keon, English Language Services; Dorothy Lewis, U. S. Station Relations.

FUNCTIONS

The United Nations Dept. of Public Information maintains a radio division for the purpose of servicing the various privately owned and government operated systems of broadcasting around the world. Composed of 90 staff members, representing 22 nationalities, the division releases news and information concerning the activities of the U. N. Its services to U. S. stations include daily and weekly programs with special events and documentaries.

Washington State Association of Broadcasters

c/o Station KTBI, Tacoma 3, Wash.
BRoadway 2241

OFFICERS

President H. J. Quilliam
Vice President O. A. Runchey
Secretary-Treasurer Robert Priebe
Director Richard Dunning
Director James Wallace

BRANCH OFFICE

Washington State Radio News Bureau, Legislative Bldg., Olympia, Wash. Carl Downing, Managing Dir.

FUNCTIONS

A non-profit Association made up of broadcasters of Washington State to advance the interest of the radio broadcasting industry in the state of Washington. Maintains a Washington State Radio News Bureau of the state capital, Olympia, Washington. Serves radio stations of the state with a weekly quarter hour program plus special coverage daily concerning Washington's biggest business—its government.

Western Association of Broadcasters

Morquis Hotel Building, Lethbridge, Alberta
3161

OFFICER

President William Guild

DIRECTORS

J. O. Blick, H. C. Love, E. H. Rowlinson.

FUNCTIONS

A voluntary trade association composed of radio stations from the Great Lakes to the Pacific.

**Distributors and Producers of—
MOTION PICTURES for TELEVISION**

A
Wealth of Unique and
Valuable Material and Services
for Telecast Programming

Eastern Representatives for out-of-town Television Stations

★ ★ ★ ★ ★ ★ ★

STOCK SHOTS

MILLIONS OF FEET OF STOCK SHOTS
*Material To Fit In With Every Possible Idea
For Rent or Sale*

★ ★ ★

OVER 1000 OLD TIME SILENT
MOVIES - COMEDIES - DRAMAS, etc.

★ ★ ★

Pictures Produced That Will Work In With A SPONSOR'S Product
Packages of 13—26—or 52 Subjects.
1—2—3—4 and 5 Minute Fillers

★

**PROJECTION ROOMS—CUTTING ROOMS
SHIPPING SERVICE—REHEARSAL ROOMS
TAPE RECORDING SERVICE**

COMPLETE PROGRAM DEPT.

*A Production Department
Producing Pictures for Advertisers
who Plan to Use Television
Commercially*

*Serving the Television Industry
—Since 1936*

ADVANCE TELEVISION PICTURE SERVICE, Inc.

Telephone: COLUMBUS 5-5400-1-2-3-4

729 SEVENTH AVENUE - - - NEW YORK CITY

WJLS-FM

Beckley, W. Va.

WHIS-FM

Bluefield, W. Va.

WMIN-FM

Minneapolis
St. Paul, Minn.



**Look to FEDERAL for the Finest in
AM, FM and TV Equipment**



Federal

KEEPING FEDERAL YEARS AHEAD... is IT&T's world wide research and engineering organization, of which the Federal Telecommunication Laboratories, Nutley, N. J., is a unit

WSAP-FM
Portsmouth, Va.



FEDERAL'S

Unbeatable

FM Combination

HIGH-GAIN SQUARE-LOOP ANTENNA

plus

"FREQUEMATIC" TRANSMITTER

is setting new highs in

*Coverage
AND Performance...*

A Federal Square-Loop Antenna—for maximum coverage—plus a Federal "Frequematic" FM Transmitter—for dependable high fidelity performance—makes an unbeatable combination.

It's a combination that is bringing dramatic results to many FM stations. Here are four outstanding examples! All four selected the Federal 12-element Square-Loop Antenna as best suited to their requirements. In all four instances, this antenna is achieving an effective radiated power more than twelve times the kilowatt output of the Federal FM Transmitter.

The coverage maps show how this power takes effect—over unusually large areas—providing outstanding FM performance to wide-spread audiences. Letters from listeners report excellent signal strength . . . fidelity . . . tone quality.

Federal's Square-Loop Antenna is available in multiples of 2, 4, 6, 8 or 12 elements, to meet the requirements of every FM broadcaster. Since it offers the highest gain in the field, this Federal antenna saves substantially in over-all station costs, and in reduced power and operating expense year after year. Federal's "Frequematic" FM Transmitter is available in outputs of 1, 3 and 10 kilowatts.

Federal also offers all necessary associated equipment for the complete installation of any size station. For information, write to Radio Sales Dept.

*Trade Mark

Telephone and Radio Corporation

100 KINGSLAND ROAD, CLIFTON, NEW JERSEY

In Canada: Federal Electric Manufacturing Company, Ltd., Montreal, P. Q.
Export Distributors: International Standard Electric Corp. 67 Broad St., N. Y.



**World Leader
in Radio—
First in
Television**

Radio Corporation of America

Radio City, New York